2007 Light Duty C/K Full Size Utility Truck Electrical

Overview

ORGANIZATION

The Light Duty C/K Full Size Trucks went through a major electrical system change for 2007. This document only addresses the new Utility Trucks. Pickup trucks will not adopt this electrical architecture until later. This document is broke down as follows:

- Systems Operation – How it works
- Component Locator – Where it is
- Connectors & Pinouts – What it looks like, and finally,
- Subsystem Schematics – Detailed wiring and electrical schematic information.

WHAT'S NEW FOR THE LIGHT DUTY C/K FULL SIZE TRUCKS MANUAL

- Only options offered on the Utility are addressed. Options offered on the Pickup and Cut-away are not. Features not included are:
  - PTO
  - Remote Start/Stop
  - Fast Idle
- An Acronym an Abbreviation list used in the Electrical Component Legend, Ground Zone, and Electrical Schematic sections is included.
- Connector Detail and Location Illustrations are provided for many interfaces. Terminal, Cable Seal, and mating connector information have been added where appropriate.
- Detailed Electrical Schematics are provided for all subsystems offered in the Utility Truck.

SPECIAL INTEREST TO UPFITTERS

- Service information is included for Trailer Lighting, Electric Trailer Brake Wiring and, Roof Mounted Beacon (TRW).
- Detailed information is included for adding LED and other Turn Signals.

(continued on next page)

2007 Light Duty C/K Full Size Utility Truck Electrical

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Navigation

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Viewing

The size (%) control is located in the lower left corner of the screen. Click the down arrow and select "fit in window" (62%) or "actual size" (100%) for most viewing applications. You can zoom in schematic detail by selecting a larger percentage.

Printing

Specific pages can be printed out. Be careful to select a print range or "current page" or all 370 pages will try to print out.

Information provided is believed to be accurate at the time of publication. GM reserves the right to change the information at any time.

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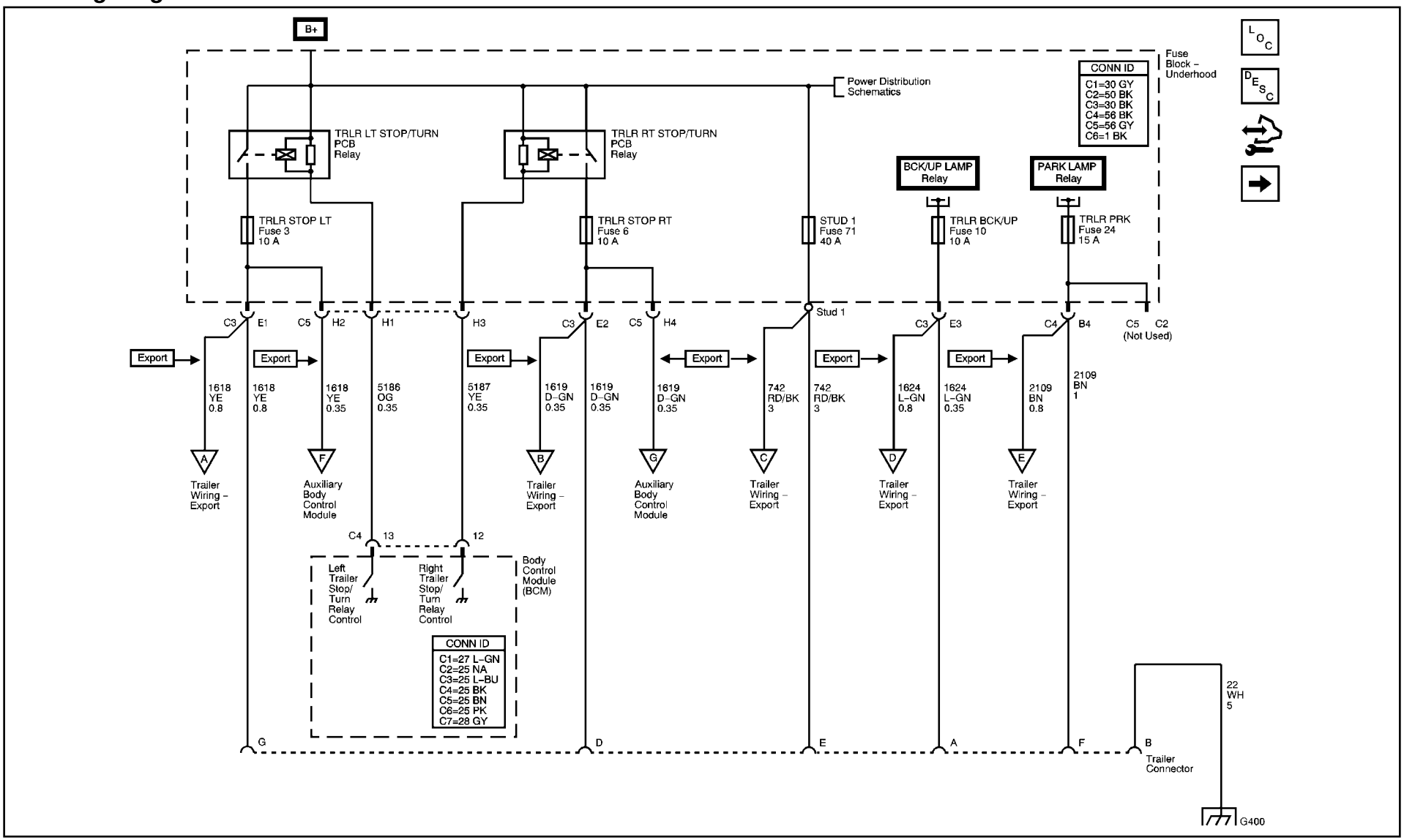
2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

System Operating Instructions

Trailer Lighting

Trailer Lighting Schematic



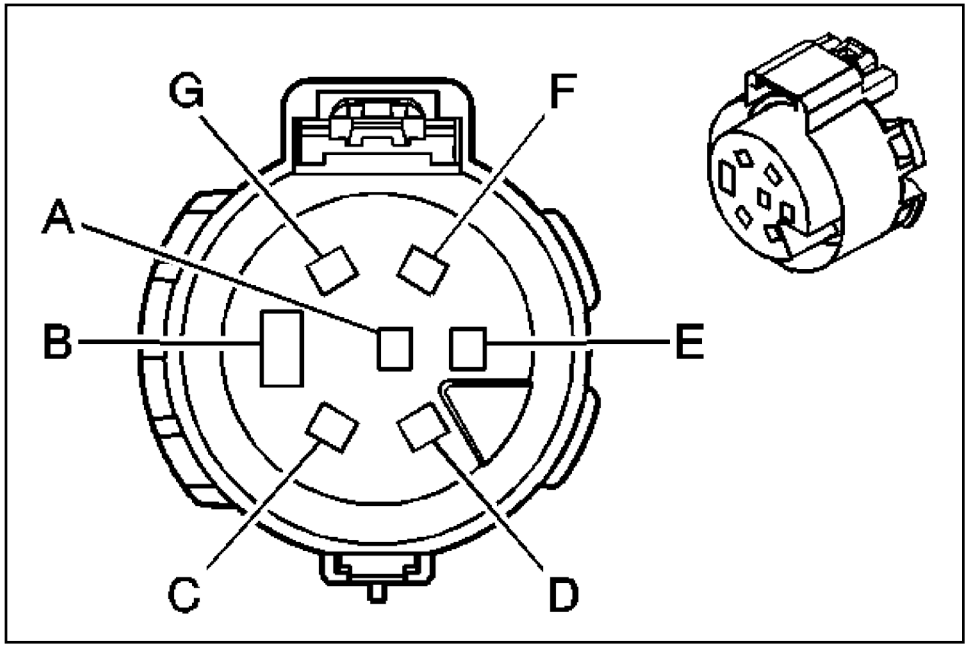
Trailer Connector

Connector Part Information
OEM: 15354653
Service: 15306164
Description: 7-Way F Metri-Pack 280 630 Series Sealed

Pins: B
Terminal/Tray: 12052456/3
Core/Insulation Crimp: TBD
Release Tool/Test Probe: TBD

Pins: A, D, F, G
Terminal/Tray: 12110847/4
Core/Insulation Crimp: C/5
Release Tool/Test Probe: 15315247/J-35616-4A (PU)

Pins: C, E
Terminal/Tray: 12110845/4
Core/Insulation Crimp: F/5
Release Tool/Test Probe: 15315247/J-35616-4A (PU)



Trailer Connector			
Pin	**Wire Color**	**Circuit No.**	**Function**
A	L-GN	1624	Trailer Backup Lamp Supply Voltage
B	WH	22	Ground
C	D-BU	47	Trailer Auxiliary Supply Voltage
D	D-GN	1619	Trailer Right Rear Turn/Stop Lamp Supply Voltage
E	RD/BK	742	Battery Positive Voltage
F	BN	2109	Trailer Park Lamp Supply Voltage
G	YE	1618	Trailer Left Rear Turn/Stop Lamp Supply Voltage

Electric Trailer Brake Wiring

2007 Cadillac Escalade
2007 Chevrolet Tahoe
2007 GMC Yukon

The following diagnosis might be helpful if the vehicle exhibits the symptom(s) described in this PI.

Condition/Concern:

Owners may questions how to connect an electric trailer brake controller or where the brake controller pigtail harness is located.

Recommendation/Instructions:

Starting with the all new 2007 Full Size Utilities there is no longer an electric trailer brake controller pigtail harness. The trailer brake controller wiring is now part of the I/P wiring harness and the blunt cut wires are located under the left IP, behind the DLC. There are four blunt cut wires in this harness which are:

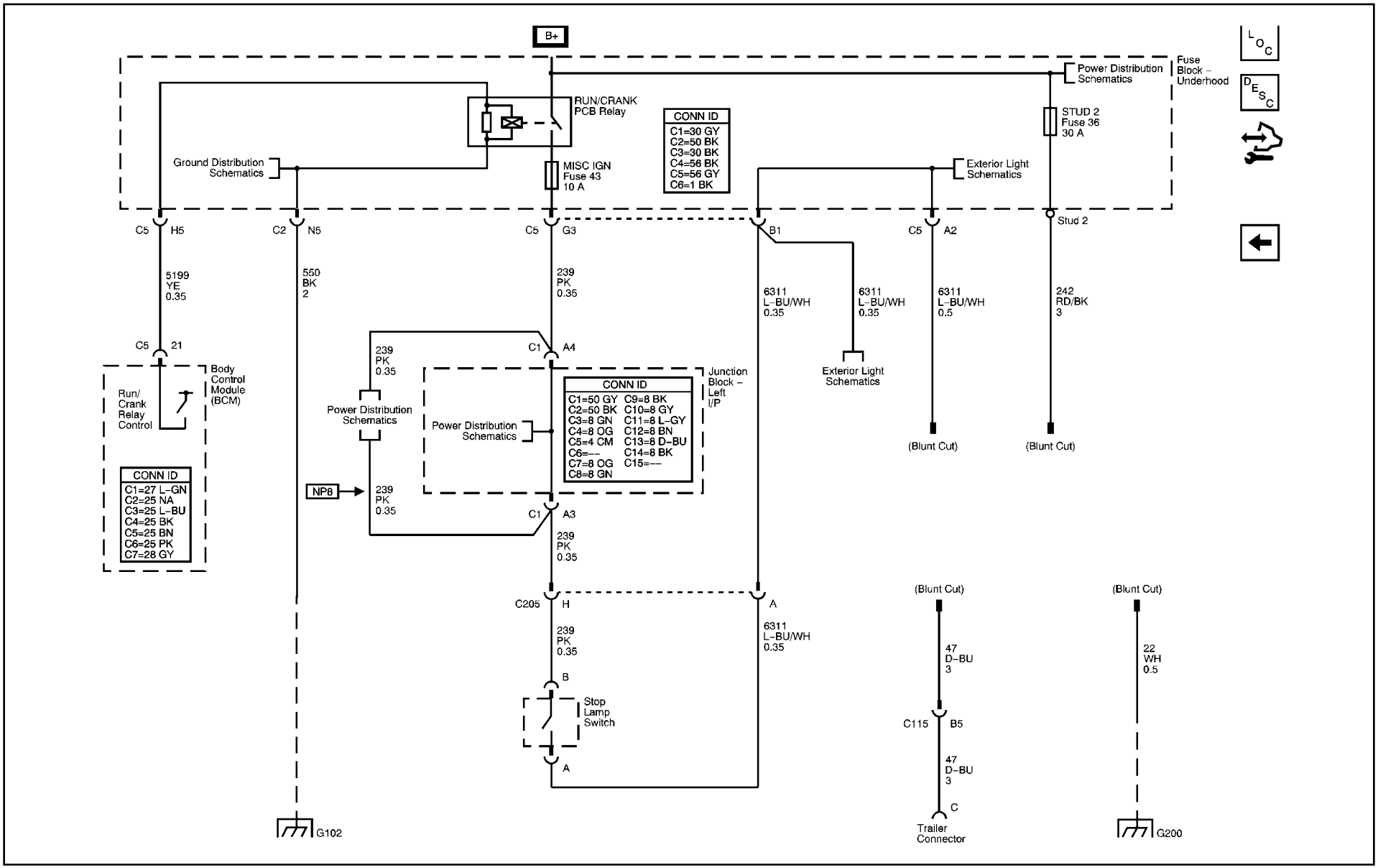
Wire Color	Circuit#	Description	SI Document ID #
Red/Black	242	12 Volt power supply (30A Stud 2)	1706191
Dark Blue	47	Trailer brake output voltage	Not Shown
White	22	Ground	1706250
Light Blue/White	6311	Stop light input	1706473

Note: The Red/Black circuit 242 must be connected to Stud 2 30 Amp of the UBEC. The wire is located between the left fender and UBEC. Do not confuse this circuit with 742 (Doc Id 1706191) which is also Red/Black taped to the harness under the master cylinder, which is the 12 volt supply to the 7-way trailer connector and connects to Stud 1 40 Amp.

Please follow this diagnostic or repair process thoroughly and complete each step. If the condition exhibited is resolved without completing every step, the remaining steps do not need to be performed.

Electric Trailer Brake Wiring

Electric Trailer Brake Wiring Schematic



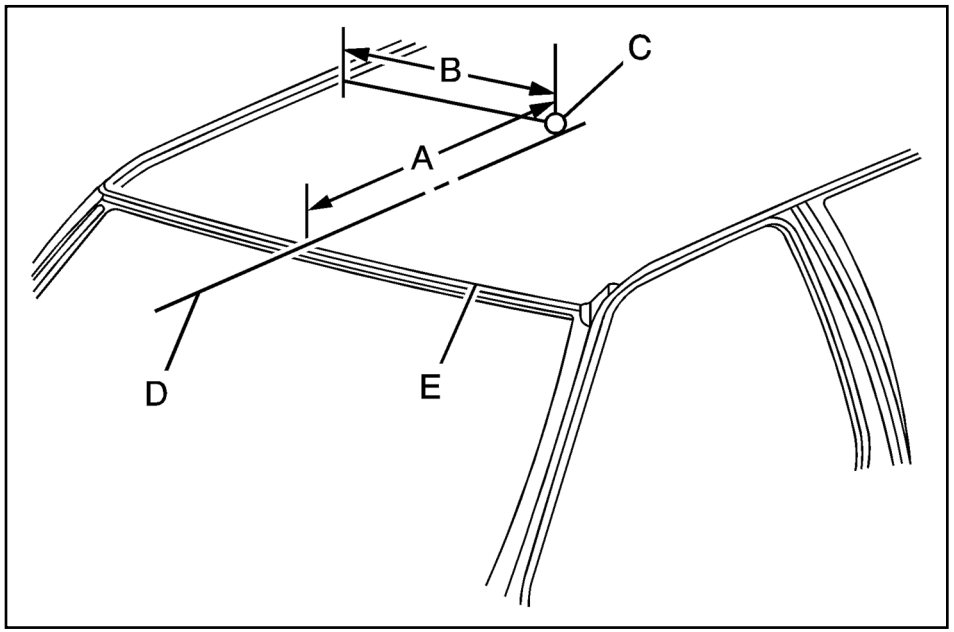
Roof Mounted Beacon (TRW)

Battery power is supplied through a 30 amp fuse to a wiring harness located in the roof. Power is controlled with a switch located in the overhead console. The customer or vehicle upfitter must complete the installation to an added accessory such as an emergency beacon lamp.

Maximum rated electrical load is 21 amps (250 watts). The added electrical requirements must not exceed 21 amps (250 watts). Running the accessory for long periods of time with the engine off may run the battery down.

Installation Instructions — Emergency Vehicle Roof Panel Lamp

Wiring to the accessory can be done by either directly connecting the wire in the roof to the accessory (Option A) or by using Wiring Harness Package part number 12150250 obtained from GM Service Parts (Option B).



A. 25.39 inches (645 mm)
B. 17.32 inches (440 mm)
C. 3.94 inches (100 mm)
D. Roof Centerline
E. Roof Edge

Emergency Vehicle Roof Panel Lamp (continued on next page)

Emergency Vehicle Roof Panel Lamp (continued from previous page)

1. Disconnect the negative (-) battery cable at the battery.
2. Make the electrical connections using either option A or option B.

Notice: Pulling the wiring harness through a panel hole that has sharp edges may cause damage to the wire and/or wire insulation. Remove sharp edges from the panel hole before pulling the wire through it.

Option A: Roof Wires Directly to Accessory

1. Drill a 3/8 inch to 1/2 inch (10 to 13 mm) hole in the outer roof panel in the area shown in the illustration. The hole should only go through the outer panel. Remove all sharp edges from the drilled hole.
2. Remove the inside overhead console access panel/lamp lenses.
3. The accessory harness is coil tied to the passenger's side of the vehicle at the console inner bracket.
4. Cut the tape holding the harness coil.
5. As one person watches the roof hole from the outside for the end of the harness, a second person from the inside of the vehicle should snake the harness toward the hole.
6. Pull out the wiring harness being careful to avoid scraping the insulation on the edge of the hole.
7. Extend the wiring harness to the accessory.
8. Connect the dark green wire to the accessory hot terminal.
9. Connect the black wire to the accessory ground terminal.
10. Cover the hole in the roof with a durable sealant such as silicone rubber sealer.
11. Reinstall the overhead console access panel/lamp lenses.

Option B: Use Wiring Harness Package 12150250. Obtain from GM Service Parts through the GM Dealership

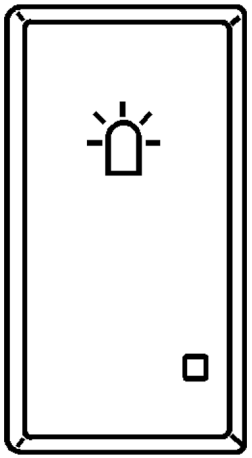
1. Drill a 1.25 inch (32 mm) hole in the outer roof panel in the area shown in the illustration. The hole should only go through the outer panel. Remove all sharp edges from the drilled hole.
2. Remove the inside overhead console access panel/lamp lenses.
3. The accessory harness is coil tied to the passenger's side of the vehicle at the console inner bracket.
4. Cut the tape holding the harness coil.
5. As one person watches the roof hole from the outside for the end of the harness, a second person from the inside of the vehicle should snake the harness toward the hole.
6. Pull out the wiring harness being careful to avoid scraping the insulation on the edge of the hole.
7. Cut the wire to length. Install terminals to wire ends and insert into the connector. The brown wire goes to cavity A and the black wire in cavity B. Push in the secondary lock to retain the wires.
8. Attach the harness assembly from the package to the accessory. Cover with the supplied conduit for added protection. Connect the orange wire to the accessory hot terminal and the black wire to the ground.

Option B (continued on next page)

Option B (continued on next page)

9. Complete the connection from the roof harness to the extension harness. Cover the mated connector with the supplied foam. Push the foam covered connection and excess wire through the roof panel hole.
10. Reinstall the overhead console access panel/lamp lenses.

Restoring Power



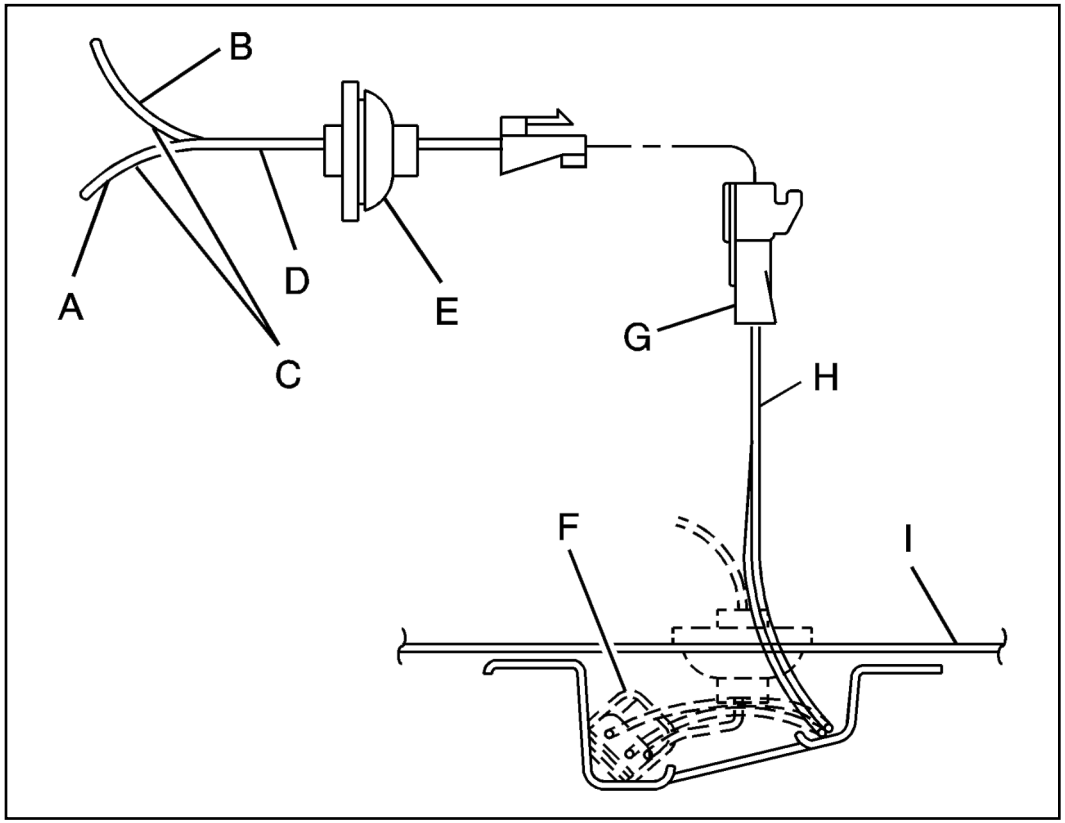
The auxiliary lamp switch is located on the overhead console.

This switch includes wiring provisions for a dealer or a qualified service center to install an auxiliary roof lamp. When the wiring is connected to an auxiliary roof mounted lamp, pressing the bottom of the switch will activate the lamp and illuminate an indicator light at the bottom of the switch. Pressing the top of the switch again will turn off the roof mounted lamp and indicator.

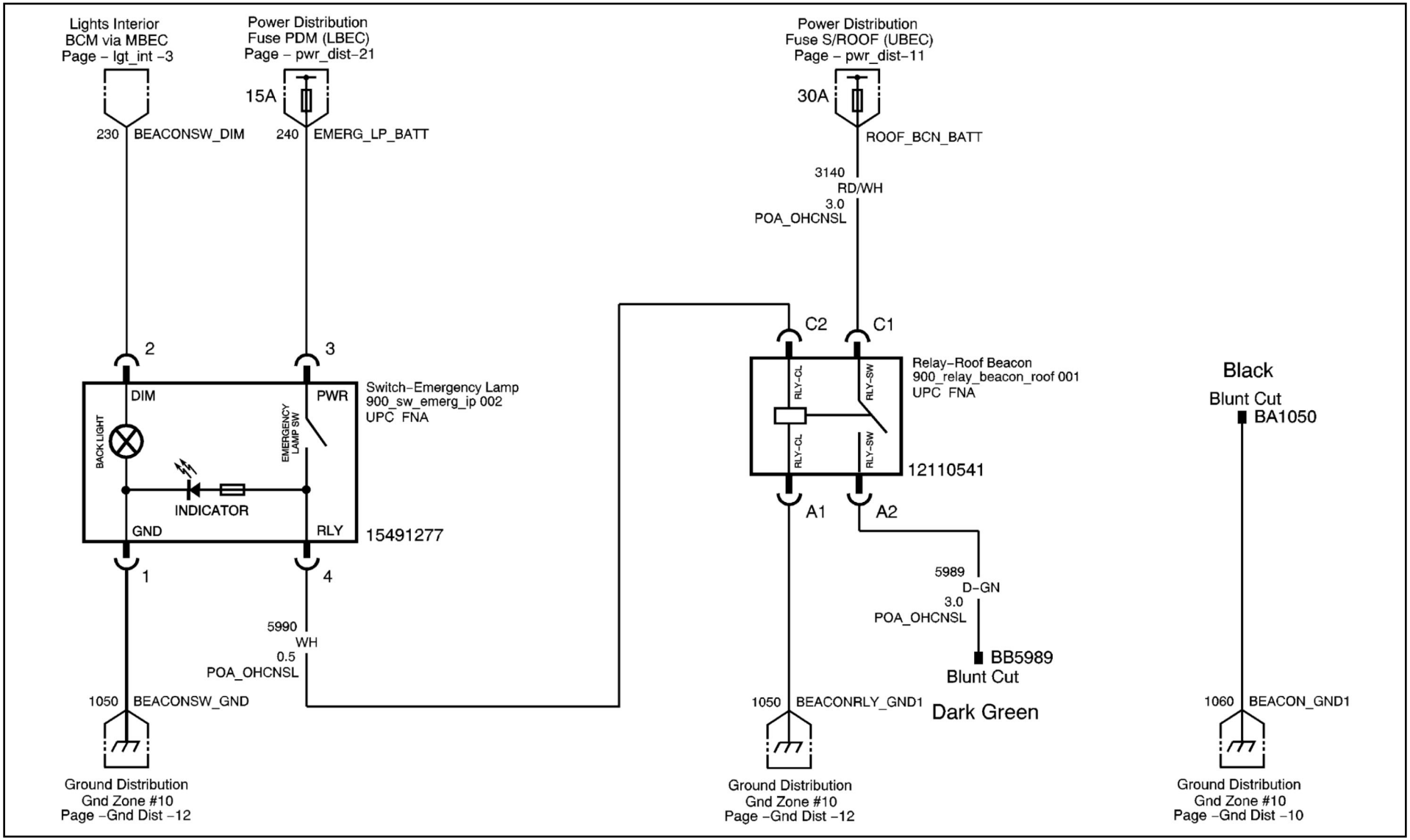
1. Be sure that the auxiliary lamp switch is off.
2. Vacate the vehicle and reconnect the battery cable.
3. Turn the auxiliary lamp switch on. The accessory should now be working. If it is not working, check the connections.
4. After ensuring that the accessory is working properly, install the grommet in the hole. Seal with silicone sealer to prevent water leakage.

Notice: Overloading the vehicle's electrical system may damage your vehicle's accessories. Do not overload the vehicle's system by having unnecessary accessories on at the same time.

Figure Option B(c)



A. Black Wire
B. Orange Wire
C. To Roof Mounted Lamp
D. Harness Assembly
E. Grommet (Roof)
F. Foam Insulator (Adhesive-Backed)
G. Harness Connector, Secondary Lock and Terminal
H Brown Black Wire
I. Vehicle Outer Roof Panel



Maintenance

The circuit is fed from the #2 post on the underhood electrical center and protected by the fuse labeled #2 post located in the electrical center. Always replace the fuse with a 30 amp maxi-fuse.

Application Notes: LED or Additional Turn Signals

LED or Additional Turn Signals

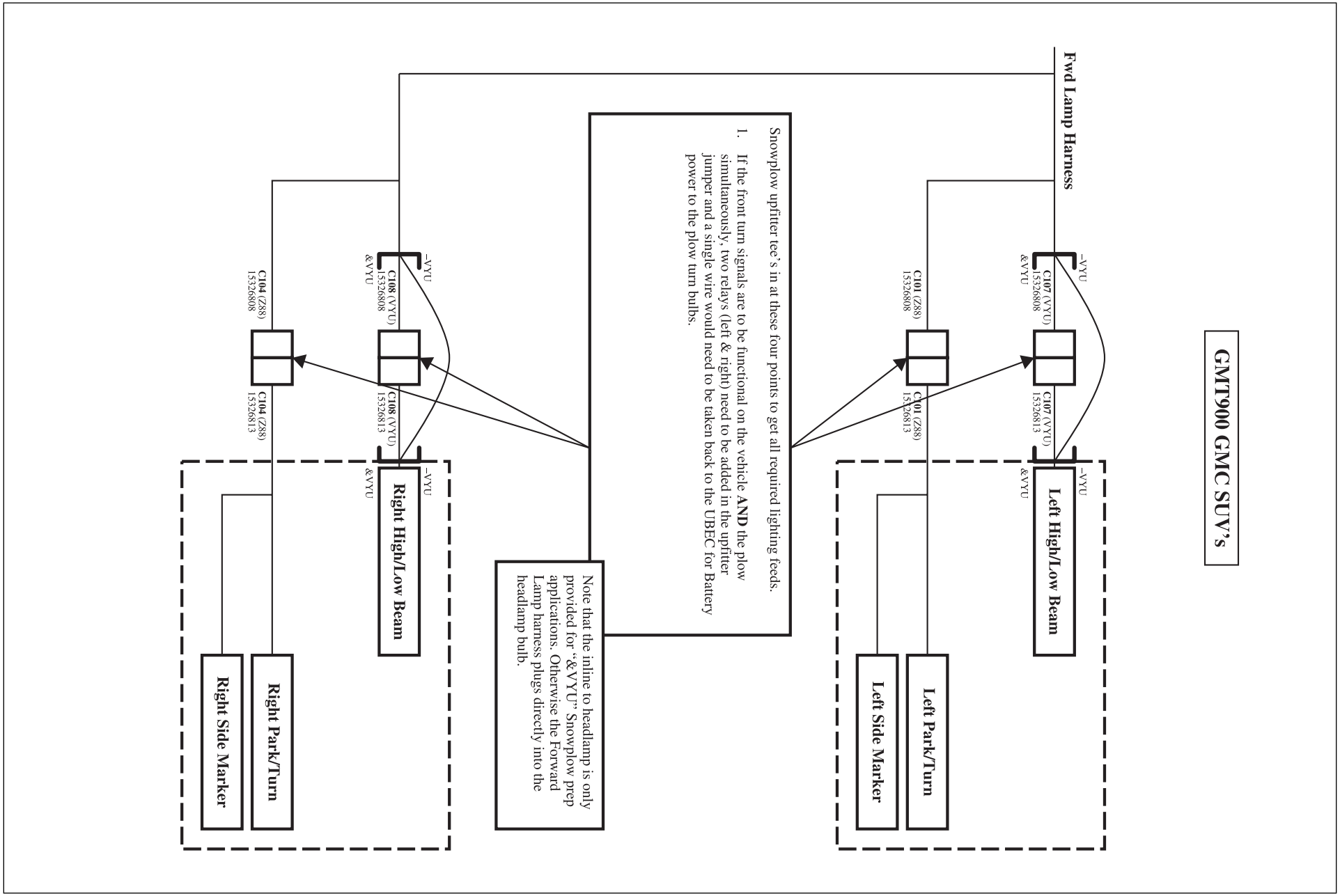
Amber turn lamps on the GMT900 are only used on the front of the vehicle. Rear lamps are combined stop/turn (red). Turn signals are controlled by the BCM. No flasher module is used. Adding additional bulbs will cause the BCM output to shut down resulting in no flashing. Replacing the front turn lamps with LED's will result in a rapid flash rate. This FMVSS required lamp outage detection is due to the change in lamp current through the BCM.

Two relays (left and right) need to be added for additional or LED turn signals. Power for the relays need to go back to the UBEC. Turn signals are available at the forward lamp connectors. Information on these connectors is shown in section C of this manual.

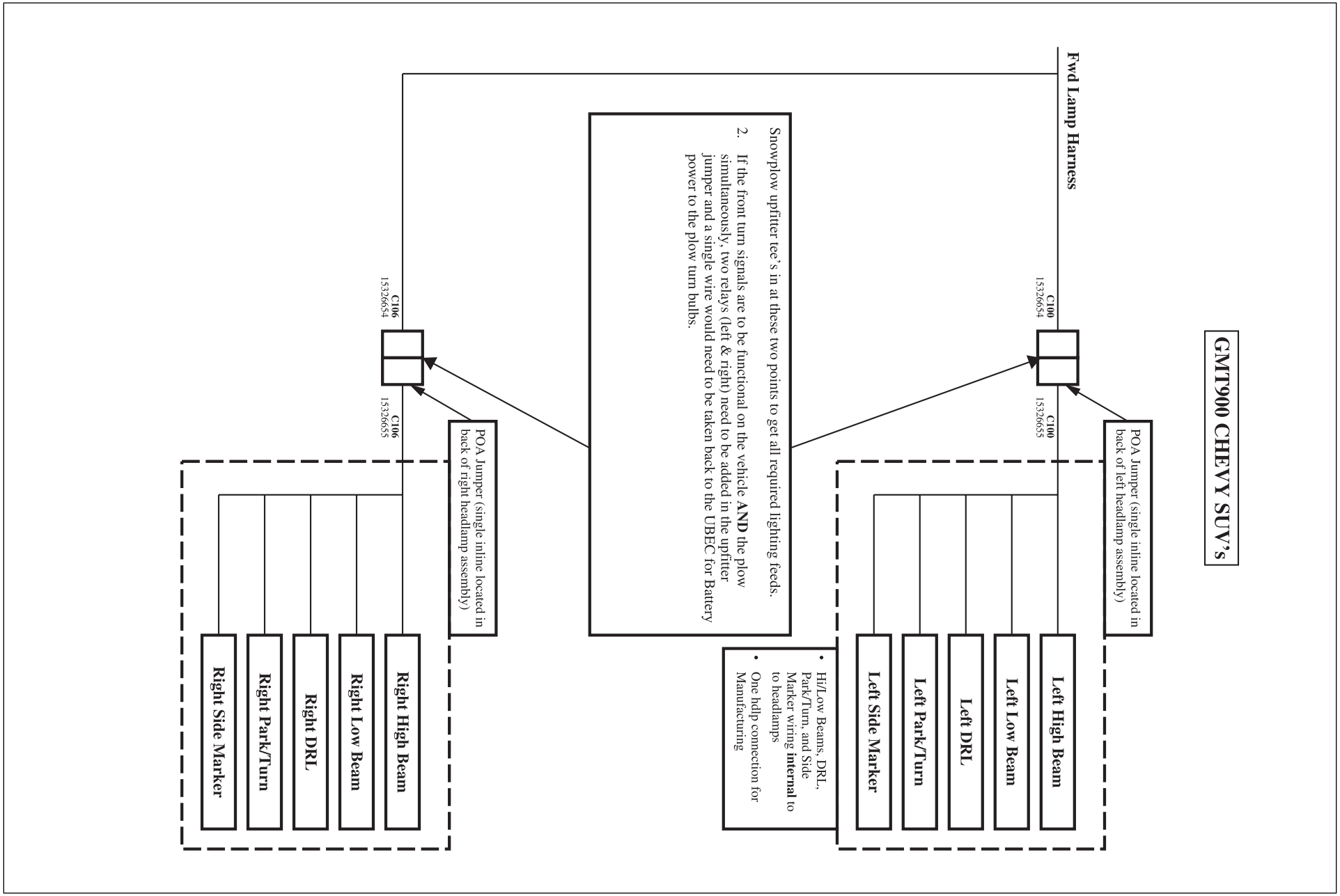
Chevrolet Tahoe and GMC Yukon Utility Forward light circuits use different wiring and connectors. The Chevrolet Utility always has one connector per side. The GMC Utility has a different connector on each side and can have an additional connector for the VYU (Snowplow) option. Requirements for Snowplows are shown. Adding additional lights or LED's have the same vehicle wiring requirements.

Note: The truck will not have Lamp (or LED) outage detection. Although the life of high quality LED's are substantially longer than the bulbs they replace, it is the upfitters responsibility for making this modification.

Additional Turn Signals – GMC Yukon (Z88)


GMT900 GMC SUV's
Fwd Lamp Harness
–VYU
C107 (VYU) 15326808 &VYU
C101 (Z88) 15326808
C107 (VYU) 15326813 &VYU
C101 (Z88) 15326813
–VYU
Left High/Low Beam
&VYU
Left Park/Turn
Left Side Marker
C104 (Z88) 15326808
C108 (VYU) 15326808 &VYU
C104 (Z88) 15326813
C108 (VYU) 15326813 &VYU
–VYU
Right High/Low Beam
&VYU
Right Park/Turn
Right Side Marker
Snowplow upfitter tee's in at these four points to get all required lighting feeds.
1. If the front turn signals are to be functional on the vehicle AND the plow simultaneously, two relays (left & right) need to be added in the upfitter jumper and a single wire would need to be taken back to the UBEC for Battery power to the plow turn bulbs.
Note that the inline to headlamp is only provided for "&VYU" Snowplow prep applications. Otherwise the Forward Lamp harness plugs directly into the headlamp bulb.

Additional Turn Signals – Chevrolet Tahoe & Suburban (X88)


GMT900 CHEVY SUV's
Fwd Lamp Harness
C100
15326654
C100
15326655
POA Jumper (single inline located in back of left headlamp assembly)
Left High Beam
Left Low Beam
Left DRL
Left Park/Turn
Left Side Marker
• Hi/Low Beams, DRL, Park/Turn, and Side Marker wiring **internal** to to headlamps
• One hdlp connection for Manufacturing
Snowplow upfitter tee's in at these two points to get all required lighting feeds.
2. If the front turn signals are to be functional on the vehicle **AND** the plow simultaneously, two relays (left & right) need to be added in the upfitter jumper and a single wire would need to be taken back to the UBEC for Battery power to the plow turn bulbs.
C106
15326654
C106
15326655
POA Jumper (single inline located in back of right headlamp assembly)
Right High Beam
Right Low Beam
Right DRL
Right Park/Turn
Right Side Marker

Electrical Component Legend – Utility

NO INFORMATION AVAILABLE AT TIME OF PUBLICATION

Support Information – Acronyms

•Acronyms

- 2WD = Two Wheel Drive
- 4WD = Four Wheel Drive
- A/D = Analog to Digital
- AIR = Air Injection Reaction
- ACCY = Accessory
- AMP = Amplifier or "Current"
- ANLG = Analog
- A/V = Audio/Video
- ABS = Antilock Brake System
- AOS = Auxiliary Occupant Sensing
- ASM = Assembly
- AUX = Auxiliary
- AWD = All Wheel Drive
- BASS = Brake Apply Sensing System
- BATT = Battery
- BCM = Body Control Module
- BEC = Bussed Electrical Center
- BOT = Bottom Of Travel
- CHMSL = Center High Mounted Stop Lamp
- CTSY = Courtesy
- DDM = Driver Door Module
- DIC = Driver Information Center
- DLC = Diagnostic Link Connector
- DLIS = Discrete Logic Ignition Switch
- DOD = Displacement On Demand
- DR = Door
- DRL = Daytime Running Lamps
- DVC = Dual Voice Coil
- DVD = Digital Versatile Disc
- E85 = Ethanol 85%
- EAP = Electric Adjustable Pedals
- ECC = Electronic Climate Control
- ECM = Engine Control Module
- EGR = Exhaust Gas Recirculation
- EHPS = Electro-Hydraulic Power Steering
- EK = Easy Key
- EOSS = Engine Output Speed Sensor
- ESD = Electro Static Discharge
- ETC = Electronic Throttle Control
- EV = Electro-Viscous
- EXP = Export
- EXT = External or Exterior
- FREQ = Frequency
- FRT = Front
- FTP = Flash To Pass
- GMHS = GM High Speed LAN
- GMLS = GM Low Speed LAN
- GND = Ground
- GPM = Glow Plug Module
- GPS = Global Positioning System
- HCM = Hybrid Control Module

•Acronyms (continued)

- HDI = High Discrete Input
- HDLP = Headlamp
- HID = High Intensity Discharge
- HSD = High Side Drive
- HVSM = Heated/Vented Seat Module
- HVAC = Heat Vent Air Condition
- IAH = Intake Air Heater
- IAT = Intake Air Temperature
- INC DIM = Incandescent Dimming
- IND DIM = Indicator Dimming
- IPC = Instrument Panel Cluster
- IR = Infrared
- ISRVM = Inside Rear View Mirror
- LBEC = Left BEC
- LDI = Low Discrete Input
- LF = Left Front
- LED = Light Emitting Diode
- LED DIM = LED Dimming
- LGM = Liftgate Module
- LH = Left Hand
- LIN = Linear Interconnect Network
- LOMA = Lifter Oil Manifold Assembly
- LPM = Linear Power Module
- LR = Left Rear
- LSD = Low Side Drive
- MAF = Mass Air Flow
- MAP = Manifold Absolute Pressure
- MAT = Manifold Air Temperature
- MBEC = Mid BEC
- MDD = Medium Duty Dual Side Clutch
- MDL = Module
- MOV = Metal Oxide Varistor
- MR = Magneto-Rheological
- MSM = Memory Seat Module
- MTR = Motor
- NC = Normally Closed
- NO = Normally Open
- OSRVM = Outside Rear View Mirror
- PAS or PASS = Passenger
- PCP = Pre-Charge Pump
- PDM = Passenger Door Module
- PD = Pull Down
- POA = Part Of Assembly
- PPM = Pulse Per Minute
- PPS = Pedal Position Sensor
- PRNDL = Park Reverse Neutral Drive Low
- PSIR = Passenger SIR
- PTC = Positive Temperature Coefficient
- PTO = Power Take Off
- PTR = Powertrain Relay
- PU = Pull Up

•Acronyms (continued)

- PWM = Pulse Width Modulation
- PWR = Power
- R/C = Run/Crank
- RAP = Retained Accessory Power
- RF = Right Front
- RFA = Remote Function Actuator
- RH = Right Hand
- RHBLK = Right Hand Block (Bussing)
- RPO = Regular Product Option
- RR = Right Rear
- RRBLK = Rear Block (Bussing)
- RSA = Rear Seat Audio
- RSE = Rear Seat Entertainment
- RTD = Real Time Damping
- RVC = Regulated Voltage Control
- RWS = Rear Wheel Steer
- SBAT = Switched Battery
- SDARS = Satellite Digital Audio Radio Services
- SDM = Sensing & Diagnostic Module
- SENS = Sensor or Sensing
- SEO = Special Equipment Option
- SIR = Supplemental Inflatable Restraint
- SNRF = Sunroof
- SRC = Source
- STRG = Steering
- SW = Switch
- SWC = Steering Wheel Controls
- TCM = Transmission Control Module
- TISS = Transmission Input Speed Sensor
- TOSS = Transmission Output Speed Sensor
- TOT = Top Of Travel
- TPS = Throttle Position Sensor
- TRLR = Trailer
- TURSS = Turbine Speed Sensor
- TUTD = Tap Up Tap Down
- UBEC = Underhood BEC
- UGDO = Universal Garage Door Opener
- UPA = Ultrasonic Park Assist
- VAR = Variable
- VASS = Vehicle Access & Starting Security
- VHSS = Variable Height Suspension System
- VNC = Vehicle Noise Control
- VSES = Vehicle Stability Enhancement System
- WFHS = Washer Fluid Heating System
- WIF = Water In Fuel
- WUA = Wake Up Analog
- WUD = Wake Up Dual Edge
- WUF = Wake Up Falling Edge
- WUR = Wake Up Rising Edge
- XCVR = Transciever

Preface: Support Information
REVISION STAGE VERSION LAST CHANGED BY 11:43:47 am ORGANIZATION USAGE
Preliminary 07 GMT900 1_07_0_info 013 SSF 1 GMT900
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Thursday, December 22, 2005
GM Proprietary

Support Information – Miscellaneous & Vehicles by RPO

•Miscellaneous Information

- C = 2WD
- K = 4WD
- 03 = Regular Cab Pickup
- 43 = Crew Cab Pickup
- 53 = Extended Cab Pickup
- 06 = Utility (Both 706 & 906)
- 706 = Regular Utility
- 906 = Large Utility
- 36 = Ultimate Utility Vehicle (UUV)
- 10 = Series (Pickup/Utility/UUV)
- 20 = Series (Pickup/Utility/UUV)
- 30 = Series (Pickup)
- 31 = Series (Cab Chassis)

•900 Numbers

- 901 - Light Duty Pickups - Chevy Silverado
- 902 - Light Duty Pickups - GMC Sierra, (GMC Sierra Denali?)
- 911 - Heavy Duty Pickups - Chevy Silverado
- 912 - Heavy Duty Pickups - GMC Sierra, (GMC Sierra Denali?)
- 921 - Utility - Chevrolet Tahoe
- 922 - Utility - GMC Yukon, (GMC Yukon Denali?)
- 926 - Utility - Cadillac Escalade
- 931 - Large Utility - Chevrolet Suburban
- 932 - Large Utility - GMC Yukon XL, (GMC Yukon Denali XL?)
- 936 - Large Utility - Cadillac Escalade ESV
- 941 - Sport Utility Truck - Chevrolet Avalanche
- 946 - Sport Utility Truck - Cadillac Escalade EXT

•Vehicles by RPO

- 03/43/53 = Chevrolet Silverado / GMC Sierra / GMC Sierra Denali
- 03/43/53&X88 = Chevrolet Silverado
- 03/43/53&Z88 = GMC Sierra / GMC Sierra Denali (43 Only)
- 06 = Cadillac Escalade / Cadillac Escalade ESV / Chevrolet Tahoe / Chevrolet Suburban / GMC Yukon / GMC Yukon Denali / GMC Yukon XL / GMC Yukon Denali XL
- 06&X88 = Chevrolet Tahoe / Chevrolet Suburban
- 06&Z75 = Cadillac Escalade / Cadillac Escalade ESV
- 06&Z88 = GMC Yukon / GMC Yukon Denali / GMC Yukon XL / GMC Yukon Denali XL
- 06&Z88&Y91 = GMC Yukon Denali / GMC Yukon Denali XL
- 36 = Chevrolet Avalance / Cadillac Escalade EXT
- 36&X88 = Chevrolet Avalance
- 36&Y91/Z75 = Cadillac Escalade EXT
- 43&Y91 = GMC Sierra Denali
- 43&Y91&Z88 = GMC Sierra Denali
- 706 = Cadillac Escalade / Chevrolet Tahoe / GMC Yukon / GMC Yukon Denali
- 706&X88 = Chevrolet Tahoe
- 706&Y91 = Cadillac Escalade / GMC Yukon Denali
- 706&Y91&Z88 = GMC Yukon Denali
- 706&Z75 = Cadillac Escalade
- 706&Z88 = GMC Yukon / GMC Yukon Denali
- 906 = Cadillac Escalade ESV / Chevrolet Suburban / GMC Yukon XL / GMC Yukon Denali XL
- 906&X88 = Chevrolet Suburban
- 906&Y91 = Cadillac Escalade ESV / GMC Yukon Denali XL
- 906&Y91&Z88 = GMC Yukon Denali XL
- 906&Z75 = Cadillac Escalade ESV
- 906&Z88 = GMC Yukon XL / GMC Yukon Denali XL)

Support Information – Regular Production Option (RPOs)

•RPOs

- 03 = Regular Cab Pickup
- 06 = Utility (Applicable to both 706 & 906)
- 36 = Ultimate Utility Vehicle (UUV)
- 43 = Crew Cab Pickup
- 53 = Extended Cab Pickup
- 706 = Regular Utility
- 906 = Large Utility
- 5W4 = Special Service Package (4WD Police Package)
- (5W4 contains 6J1, 6J3, 6J4, 6J7, 7X6, 7X7, 9G8, TRW, WX7 & optionally 8Y9)
- 5X7 = Provisions - Wrecker Emergency Lamp (SEO)
- 5Y0 = Wiring Provisions Body Builder Emergency Lamp (SEO)
- 6J1 = Power Supply, 100Amp at Dash and Rear Compartment
- 6J3 = Wiring Provisions, Grill Lamp & Speakers
- 6J4 = Wiring Provision, Horn/Siren
- 6J7 = Wiring Provision, Head Lamp & Tail Lamp Flasher
- 7X6 = Spot Lamp, LH
- 7X7 = Spot Lamp, LH & RH
- 7Z1 = Horn - Dual Hight Note (SEO)
- 8B0 = Dual Battery, 600 CCA & 770 CCA (SEO)
- 8S3 = Alarm B/U Electrical 97 Decibels (SEO)
- 8S8 = Wiring Provisions Odometer Security (SEO) {Unused?}
- 8X5 = Generator 105 Amp, Dual (SEO) (w/o YF2)
- 8Y9 - Dual Battery, 770 CCA
- 9G8 = DRL Delete
- 9L4 = Wiring Provisions 12V Power Supply
- A31 = Window, Electric Operated, Side
- A48 = Window RR Full Width, Sliding, Power
- ABV = Window Power Operated, RR Side Access Drs
- AG1 = Driver Power Seat
- AG2 = Passenger Power Seat
- AL0 = Auxiliary Occupant Sensing (AOS)
- AN3 = Memory Driver Seat & Passenger Seats
- AP3 = Lock Control, Entry Remote, Keyless Entry, Start
- AP8 = Lock Control, Entry Remote Entry, Extended Range (Remote Start Ready)
- ARS = Power Fold & Tumble 2nd Row Seats
- AS3 (with ASF) = Third Row Roof Rail Airbags
- ASF = Restraint Roof Side, LH & RH, Inflatable
- AU0 = Lock Control Remote Entry
- AU3-YE9 = Base Power Locks
- AZ3 = 40/20/40 Split Front Seat (with APO)
- BRS = Steps, Runningboard Side, Retractable, Power
- C25 = Wiper/Washer System, Rear Window
- C36 = Heater Auxiliary
- C42 = Manual Heater Only
- C49 = Rear Window Defog
- C67 = HVAC System Air Conditioning FRT Electronic Controls
- C69 = HVAC System RR Air Conditioner
- C99 = Switch Infl Rst I/P Mdl Man Suppression
- CE1 = Wiper System Windshield, Pulse, Moisture Sensitive

•RPOs (continued)

- CF5 = Roof Sun, Glass, Sliding, Elec
- CJ2 = Dual HVAC System Auto Temp Cont
- CJ3 = Dual HVAC System Man Temp Cont
- D07 = Console Frt Compt, Floor, Custom
- DBL2751 = 2751 Double Ring Terminal
- DF5 = Mirror I/S R/V Electrochromic, Compass, O/S Temp Display
- DH6 = Mirror I/S, Visor Vanity, LH & RH Sunshade (ILLUM)
- DL3 = Mirror O/S LH & RH, Rem Cont, Elec, Heat, Pwr Fold, Turn Sig, Electrochromic
- DL8 = Mirror O/S LH & RH, Rem Cont, Elec, Heated, Manual Fold
- DNU = Equipment, Additional DVD Screen
- DPN = Mirror O/S LH & RH, Rem Cont, Elec, Heat, Turn Sig, Puddle
- DR4 = OSRVM, Electric, Heated, Light Sensitive, Power Folding, Turn Signal (Export?)
- E52 = One Piece Lift Gate With Lift Glass
- E61 = Door RR Liftgate, Power
- EVA = Evap Emission
- EXPORT = European Export Content (awaiting RPO)
- G69 = Level Control Auto, Air, HD
- HVY = Heavy Duty Models (20HD, 30, 31)
- (-HVY) = Light Duty Models (10, 20LD)
- JF3 = Brake System, Vacuum, ABS Controls, 7,000 Lbs
- JF4 = Pedals Adjustable, Power
- JF7 = Brake System, Vacuum, ABS Controls, 6,400 Lbs
- JH6 = Brake Hyd Power, 4 Whl Disc, 9,900 Lbs
- JH7 = Brake Hyd Power, 4 Whl Disc, 12,300 Lbs
- JL4 = Control Active Brake (VSES)
- K18 = Reactor System Air Injection, Electric
- K34 = Cruise Control, Electric
- K65 = Generators 105 Amp, Dual,
- KA6 = Heater Seat, Rear
- KA9 = Heater Steering Wheel
- KB6 = Heater Seat, Cooling, Frt
- L76 = 6.0L V8 Gasoline Engine (Aluminum - DOD)
- L92 = 6.0L V8 Gasoline Engine (Aluminum - DOD)
- LC9 = 5.3L V8 E85 Engine (Aluminum - DOD)
- LH6 = 5.3L V8 Gasoline Engine (Aluminum - DOD)
- LML = 6.6L V8 Diesel Engine, Duramax (Iron - Turbo)
- LMF = 5.3L V8 E85 Engine (Iron)
- LMG = 5.3L V8 Gasoline E85 Engine (Iron - DOD)
- LMM = 6.6L V8 Diesel Engine, Duramax (Iron - Dual Turbo)
- LU3 = 4.3L V6 Gasoline Engine (Iron)
- LY2 = 4.8L V8 Gasoline Engine (Iron)
- LY5 = 5.3L V8 Gasoline Engine (Iron - DOD)
- LY6 = 6.0L V8 Gasoline Engine (Iron)
- M30 = Transmission Auto 4 Speed, HMD, 4L60E, Electronic
- M70 = Transmission Auto 4 Spd, HMD, 4L70-E, Super Duty
- M96 = Transmission Manual 5 Speed, O/D
- MW7 = Transmission Auto 5 Speed, Allison LCT, O/D, Conv Clutch
- MYC = Transmission Auto 6 Speed, HMD, 6L80
- MYD = Transmission Auto 6 Speed, HMD, 6L90

Preface: Support Information
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Preliminary 07 GMT900 1_07_0_info 013 SSF 1 GMT900 GM Proprietary
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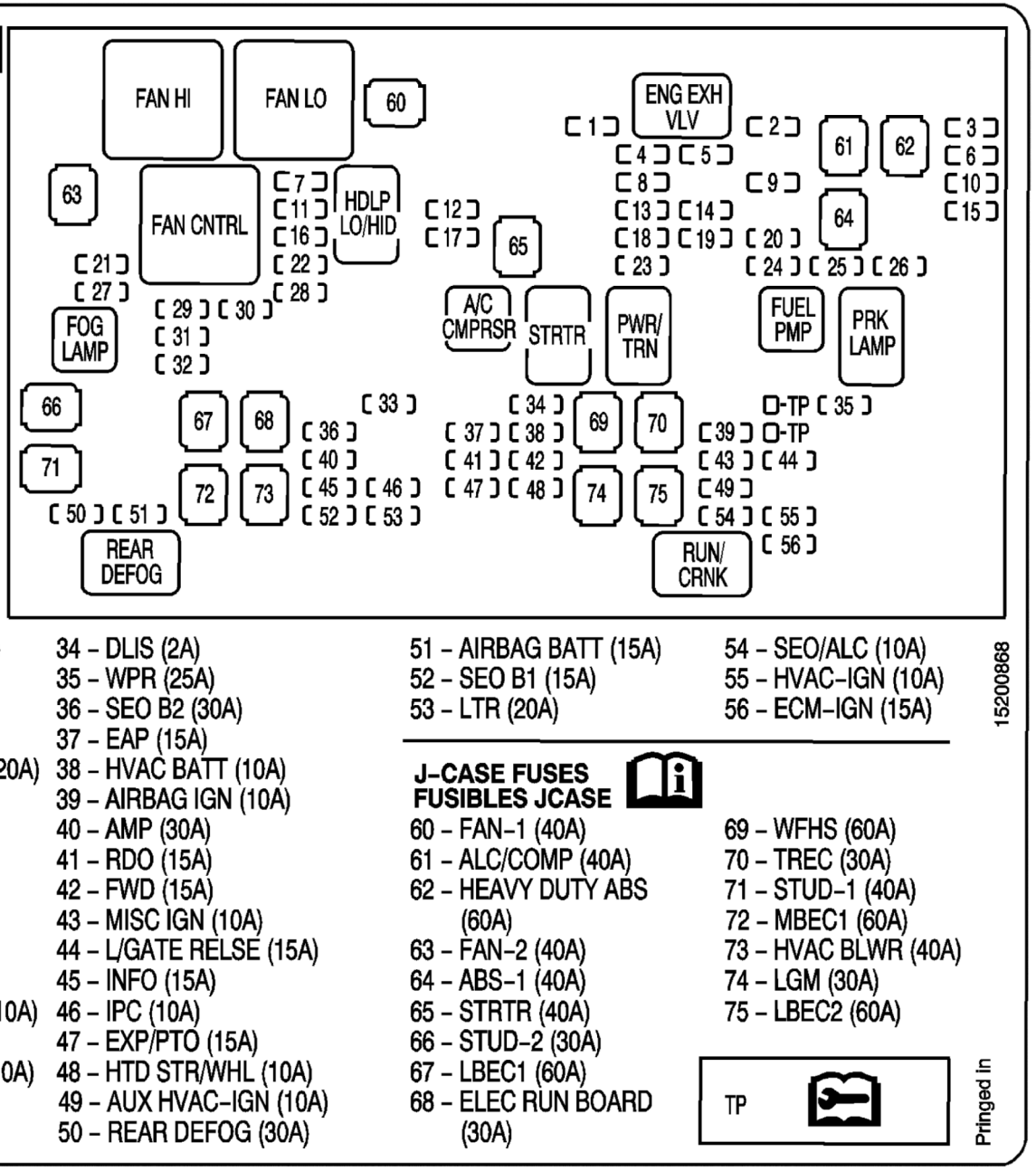
Support Information – Regular Production Option (RPOs) - (continued)

- **RPOs (continued)**
  - (-NQZ) = Dual Fuel Tanks {NQZ = 18 Gal Fuel Tank Delete}
  - NQF = Transfer Case Electric Shift Cont, Two Speed, Alum
  - NQG = Transfer Case Manual Shift Cont, Two Speed, Alum
  - NQH = Transfer Case Active, Two Speed, Push Button Control, Alum
  - PPV = Police Package (2WD)
  - (PPV contains 6J1, 6J3, 6J4, 6J7, 7X6, 7X7, 9G8, TRW, WX7, VSES Delete & optionally 8Y9)
  - PTO = Provisions Power Take Off Controls
  - R05 = Dual Rear Wheels
  - SERIES10 = 10 Series (Pickup/Utility/UUV)
  - SERIES20 = 20 Series (Pickup/Utility/UUV)
  - SERIES30 = 30 Series (Pickup)
  - SERIES31 = 31 Series (Cab Chassis)
  - SPLSVRLS = Low Speed GMLAN Splice Saver
  - T61 = Daytime Running Lamps
  - T79 = Lamp Fog, Rr
  - T96 = Lamp Fog, Frt
  - TP2 = Auxiliary Battery
  - TQ5 = Control Intelligent High Beam
  - TR2 = Lamp Side Repeater (Export)
  - TRW = Provisions - Roof Mount Emergency Lamp
  - TZ0 = Transmission Manual 5 Speed, O/D
  - U01 = Lamp Five, Roof Marker, Truck
  - U2K = Digital Audio System S-Band (SDARS)
  - U3R = Radio AM/FM Stereo, WX, Seek/Scan, CD, DVD, Nav, Clock, DSP, RDS, w/Voice Rec Micro (Cadillac)
  - U3U = Radio AM/FM Stereo, Seek/Scan, DVD, CD, Clock ETR, Navigation, Voice Rec, MP3 (Chevy/GMC)
  - U42 = Entertainment System Rear Seat (DVD)
  - U84 = Antenna Body Side Window, Radio
  - UA6 = Theft Deterrent System (Export)
  - UD7 = Sensor Indicator Rear Parking Assist (Ultrasonic)
  - UE1 = OnStar Remote
  - UG1 = Opener Garage Door, Universal
  - UJ6 = Indicator Low Tire Press
  - UK3 = Electronic System Steering Wheel Accessory Controls
  - UK6 = Radio Control Rear Seat & Earphone Jacks (Only Available with UQA/UQS)
  - UL5 = Radio Delete
  - UQ3 = Uplevel Speaker Package
  - UQ5 = Base Speaker Package
  - UQA-Y91 = Premium Non-Luxury Speaker System (6-Channel Bose)
  - UQA&Y91 = Premium Luxury Speaker System (9-Channel Bose)
  - UQS = Premium Luxury Speaker System (9-Channel Bose with Surround)
  - UVB = Radio AM/FM Stereo, Seek/Scan, Auto Tone, CD, CD-R MP3, DVD, Nav, Clock, ETR, RDS (Chevy/GMC Non-Luxury)
  - UVC = Camera Rear View
  - UY2 = Wiring Provisions Camper & 5th Wheel Trailer
  - UY7 = Wiring Harness Truck Trailer, HD
  - VYU = Provisions Snow Plow
  - WX7 = Speaker Wiring Provision

- **RPOs (continued)**
  - X88 = Chevrolet
  - XA7 = Washer Nozzles, Heated, Windshield (WFHS)
  - Y91 = Luxury Trim (Includes YE9)
  - YE9 = Uplevel Trim
  - (-YE9) = Base Trim
  - YF2 = Sales Package Ambulance Upfitter (Generators, Lighting)
  - Z49 = Export Canadian Modif Mandatory Base Equipment
  - Z55 = Chassis Package Bi-State Real Time Damping
  - Z75 = Cadillac
  - Z82 = Trailer Provisions Special Equipment, H.D.
  - Z88 = GMC

Power Distribution Centers: Underhood Fuse Block



MINI FUSES
MINI-FUSIBLES

1 – EXH VLV (30A)
2 – ESC/ALC EXH (30A)
3 – TRLR STOP LT (10A)
4 – ENG (15A)
5 – ECM/THROT CONT (15A)
6 – TRLR STOP RT (10A)
7 – FRT WASH (15A)
8 – 02–B SNSR (10A)
9 – ABS 2 (25A)
10 – TRLR BCK/UP (10A)
11 – LO HDLP–LT (20A)
12 – ECM–BATT (10A)
13 – INJ–B (20A)
14 – TCM–BATT (10A)
15 – VEH BCK/UP (10A)
16 – LO HDLP–RT (20A)
17 – A/C COMPRSR (10A)
18 – 02–A SNSR (10A)
19 – TRANS IGN 1 (15A)
20 – FUEL PUMP (20A)
21 – HEADLAMP WASH (20A)
22 – REAR WASH (15A)
23 – INJ–A (20A)
24 – TRLR PRK (15A)
25 – LT PRK (15A)
26 – RT PRK (15A)
27 – FOG LAMP (15A)
28 – HORN (15A)
29 – HI HEADLAMP–RT (10A)
30 – DRL (15A)
31 – HI HEADLAMP–LT (10A)
32 – DRL 2 (15A)
33 – S/ROOF (30A)
34 – DLIS (2A)
35 – WPR (25A)
36 – SEO B2 (30A)
37 – EAP (15A)
38 – HVAC BATT (10A)
39 – AIRBAG IGN (10A)
40 – AMP (30A)
41 – RDO (15A)
42 – FWD (15A)
43 – MISC IGN (10A)
44 – L/GATE RELSE (15A)
45 – INFO (15A)
46 – IPC (10A)
47 – EXP/PTO (15A)
48 – HTD STR/WHL (10A)
49 – AUX HVAC–IGN (10A)
50 – REAR DEFOG (30A)
51 – AIRBAG BATT (15A)
52 – SEO B1 (15A)
53 – LTR (20A)
54 – SEO/ALC (10A)
55 – HVAC–IGN (10A)
56 – ECM–IGN (15A)

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J–CASE FUSES
FUSIBLES JCASE

60 – FAN–1 (40A)
61 – ALC/COMP (40A)
62 – HEAVY DUTY ABS (60A)
63 – FAN–2 (40A)
64 – ABS–1 (40A)
65 – STRTR (40A)
66 – STUD–2 (30A)
67 – LBEC1 (60A)
68 – ELEC RUN BOARD (30A)
69 – WFHS (60A)
70 – TREC (30A)
71 – STUD–1 (40A)
72 – MBEC1 (60A)
73 – HVAC BLWR (40A)
74 – LGM (30A)
75 – LBEC2 (60A)

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Power Distribution Centers: Underhood Fuse Block

Fuse	Device	Rating	Description
#1	EXH VLV	30A	Not Used
#2	ESC/ALC EXH	30A	Automatic Level Control (ALC) Compressor (G69), Electronic Suspension Control (ESC) Module (Z55)
#3	TRLR STOP LT	10A	Trailer Wiring, Auxiliary Body Control Module (XBCM) (Export)
#4	ENG	15A	Evaporative Emissions (EVAP) Canister Purge Solenoid Valve, Mass Air Flow (MAF)/Intake Air Temperature (IAT) Sensor, Valve Lifter Oil Manifold (VLOM) Assembly (DOD)
#5	ECM/THROT CONT	15A	Engine Control Module (ECM)
#6	TRLR STOP RT	10A	Trailer Wiring, Auxiliary Body Control Module (XBCM) (Export)
#7	FRT WASH	15A	Windshield Washer Fluid Pump
#8	O2-B SNSR	10A	Heated Oxygen Sensor (HO2S) Bank 1 Sensor 2, Heated Oxygen Sensor (HO2S) Bank 2 Sensor 2
#9	ABS 2	25A	Electronic Brake Control Module (EBCM)
#10	TRLR BCK/UP	10A	Trailer Wiring
#11	LO HDLP-LT	20A	Headlamp–Left (Z88), Headlamp–Low Beam–Left (X88), Headlamp Ballast–Left (Z75)
#12	ECM-BATT	10A	Engine Control Module (ECM)
#13	INJ-B	20A	Fuel Injector 2, Fuel Injector 4, Fuel Injector 6, Fuel Injector 8, Ignition Coil 2, Ignition Coil 4, Ignition Coil 6, Ignition Coil 8
#14	TCM-BATT	10A	Evaporative Emissions (EVAP) Canister Vent Solenoid Valve, Transmission Control Module (TCM)
#15	VEH BCK/UP	10A	Backup Lamp–Left, Backup Lamp–Right
#16	LO HDLP-RT	20A	Headlamp–Right (Z88), Headlamp–Low Beam–Right (X88), Headlamp Ballast–Right (Z75)
#17	A/C CMPRSR	10A	A/C Compressor Clutch
#18	O2-A SNSR	10A	Heated Oxygen Sensor (HO2S) Bank 1 Sensor 1, Heated Oxygen Sensor (HO2S) Bank 2 Sensor 1
#19	TRANS IGN 1	15A	Transmission Control Module (TCM), 1-2 Shift Solenoid (1-2 SS) Valve, 2-3 Shift Solenoid (2-3 SS) Valve, 3-2 Shift Solenoid (3-2 SS) Valve (M30/M70), Torque Converter Clutch (TCC) Solenoid Valve (M30/M70), Torque Converter Clutch Pulse Width Modulation (TCC PWM) Solenoid Valve
#20	FUEL PUMP	20A	Fuel Pump and Sender Assembly–Primary
#21	HEADLAMP WASH	20A	Headlamp Washer Relay (CE4)
#22	REAR WASH	15A	Rear Window Washer Fluid Pump (E52)
#23	INJ-A	20A	Fuel Injector 1, Fuel Injector 3, Fuel Injector 5, Fuel Injector 7, Ignition Coil 1, Ignition Coil 3, Ignition Coil 5, Ignition Coil 7
#24	TRLR PRK	15A	Trailer Wiring
#25	LT PRK	15A	License Lamp–Left, License Lamp–Right, Marker Lamp–LF, Park/Turn Signal Lamp–LF (X88/Z88), Park Lamp–LF (Z75), Tail Lamp Circuit Board–Left (Z75 w/E52), Marker Lamp–LR (Except Z75 w/E52), Tail/Stop and Turn Signal Lamp–Lower Left (Except Z75 w/E52), Tail/Stop and Turn Signal Lamp–Upper Left (Except Z75 w/E52)
#26	RT PRK	15A	Tail Lamp Circuit Board–Right (Z75 w/E52), Marker Lamp–RF, Park Lamp–RF (Z75), Park/Turn Signal Lamp–RF (X88/Z88), Tail/Stop and Turn Signal Lamp–Lower Right (Except Z75 w/E52), Tail/Stop and Turn Signal Lamp–Lower Right (Except Z75 w/E52), Marker Lamp–RR (Except Z75 w/E52)
#27	FOG LAMP	15A	Fog Lamp–LF (T96), Fog Lamp–LF (T96)
#28	HORN	15A	Horn–Left, Horn–Right
#29	HI HEADLAMP-RT	10A	Headlamp–Right (Z88), Headlamp–High Beam–Right (X88/Z75)
#30	DRL	15A	Daytime Running Lamp (DRL)–Left (Z75/X88), Daytime Running Lamp (DRL)–Right (Z75/X88), DRL 2 Fuse (Z88)
#31	HI HEADLAMP-LT	10A	Headlamp–Left (Z88), Headlamp–High Beam–Right (X88/Z75)
#32	DRL 2	15A	LO HDLP–LT Fuse (Z88), LO HDLP–RT Fuse (Z88)
#33	S/ROOF	30A	Sunroof Module (CF5), Roof Beacon Relay (5G4)
#34	DLIS	2A	Ignition Switch, Theft Deterrent Module (TDM)

(continued on next page)

Power Distribution Centers: Underhood Fuse Block (continued)

Fuse	Device	Rating	Description
#35	WPR	25A	Wiper 1 PCB Relay
#36	SEO B2	30A	Not Used
#37	EAP	15A	PARK ENABLE Relay, ELECTRONIC ADJUSTABLE PEDALS Relay, Folding Seat Switch–Front (ARS), Folding Seat Switch–LR (ARS), Folding Seat Switch–RR (ARS), I/P Multifunction Accessory Switch
#38	HVAC BATT	10A	HVAC Control Module
#39	AIRBAG IGN	10A	Inflatable Restraint Sensing and Diagnostic Module (SDM), Inflatable Restraint Passenger Air Bag ON/OFF Indicator
#40	AMP	30A	Audio Amplifier (UQA/UQS)
#41	RDO	15A	Analog Clock (Z75), Digital Radio Receiver (U2K), Radio, Rear Seat Audio (RSA) Controller (UK6)
#42	FWD	15A	Front Axle Actuator (NP8)
#43	MISC IGN	10A	Auxiliary Body Control Module (XBCM) (Export), Climate Control Seat Module (KB6), Stop Lamp Switch, Transfer Case Shift Control Switch (NP8), Rearview Camera Module (UVC)
#44	L/GATE RELSE	15A	Liftgate Latch Assembly (E52)
#45	INFO	15A	Front Video Display (U42), Rear Video Display (DNU), Vehicle Communication Interface Module (VCIM) (UE1)
#46	IPC	10A	Body Control Module (BCM), Instrument Panel Cluster (IPC)
#47	EXP/PTO	15A	Auxiliary Body Control Module (XBCM) (Export)
#48	HTD STR/WHL	10A	Heated Steering Wheel Module (KA9)
#49	AUX HVAC-IGN	10A	Instrument Panel Cluster (IPC), Inside Rearview Mirror (ISRVM), Mode Actuator–Auxiliary, Temperature Actuator–Auxiliary
#50	REAR DEFOG	30A	Defogger Grid
#51	AIRBAG BATT	15A	Inflatable Restraint Passenger Presence System (PPS) Module, Inflatable Restraint Sensing and Diagnostic Module (SDM), Inflatable Restraint Vehicle Rollover Sensor (ASF)
#52	SEO B1	15A	Auxiliary Body Control Module (XBCM) (Export)
#53	LTR	20A	Auxiliary Power Outlet–Front 1, Data Link Connector (DLC)
#54	SEO/ALC	10A	Automatic Level Control (ALC) Compressor Relay (G69)
#55	HVAC-IGN	10A	Air Temperature Actuator–Left, Air Temperature Actuator–Right, Mode Actuator, Recirculation Actuator
#56	ECM-IGN	15A	Engine Control Module (ECM), Fuel Pump Relay–Secondary (Except NQZ)
#60	FAN-1	40A	FAN LO PCB Relay
#61	ALC/COMP	40A	Automatic Level Control (ALC) Compressor Relay (G69)
#62	HEAVY DUTY ABS	60A	Electronic Brake Control Module (EBCM)
#63	FAN-2	40A	FAN HI PCB Relay
#64	ABS-1	40A	Electronic Brake Control Module (EBCM)
#65	STRTR	40A	Starter
#66	STUD-2	30A	Blunt Cut Wire
#67	LBEC1	60A	AUX PWR 2 Fuse, REAR WPR Fuse, PDM Fuse, AUX PWR Fuse
#68	ELEC RUN BOARD	30A	Articulating Running Board (ARB) Module (BRS)
#69	WFHS	60A	Windshield Washer Solvent Heater (XA7)
#70	TREC	30A	Transfer Case Encoder Motor (NP8), Transfer Case Shift Control Module (NP8)
#71	STUD-1	40A	Trailer Wiring

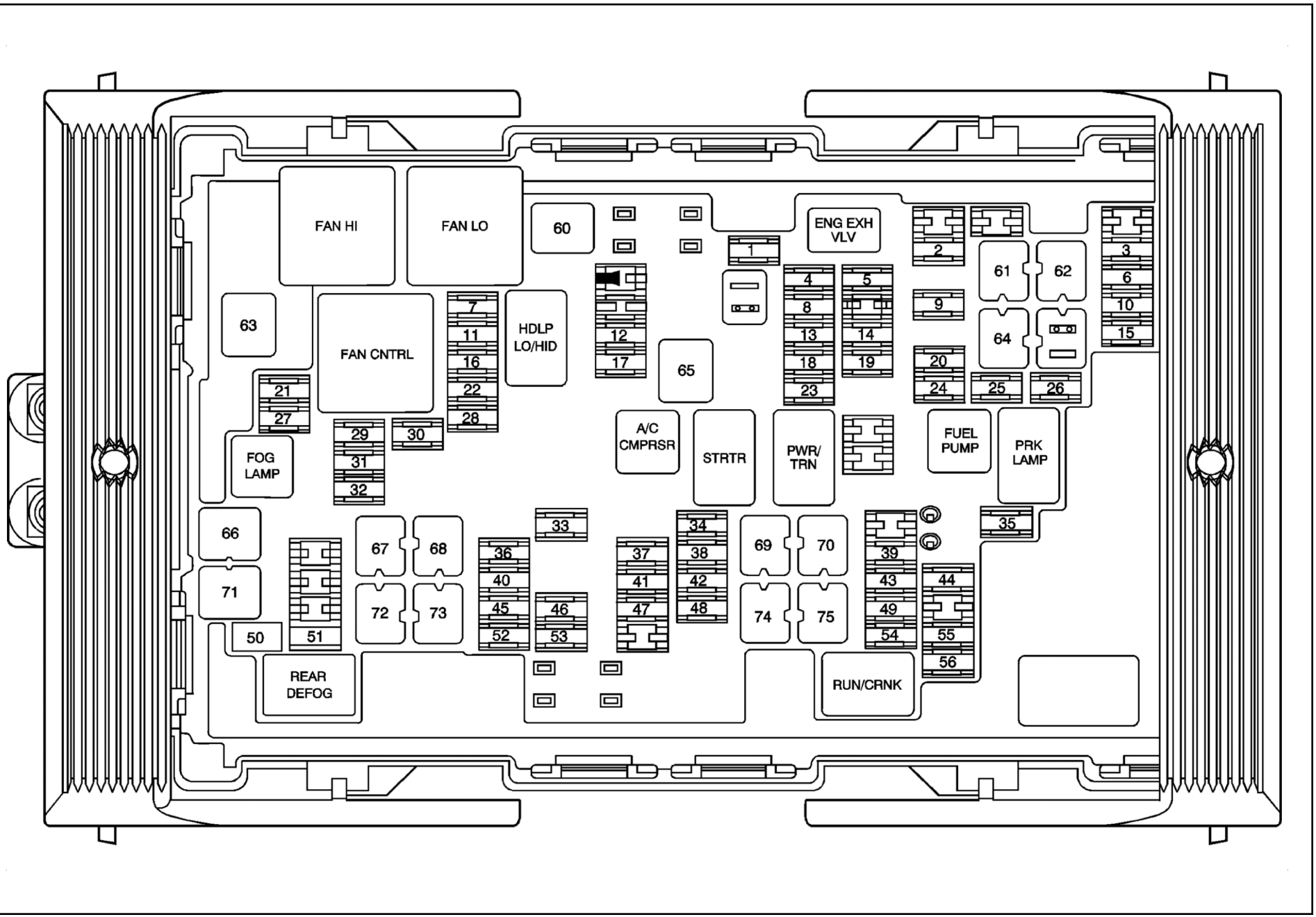
(continued on next page)

Power Distribution Centers: Underhood Fuse Block (continued)

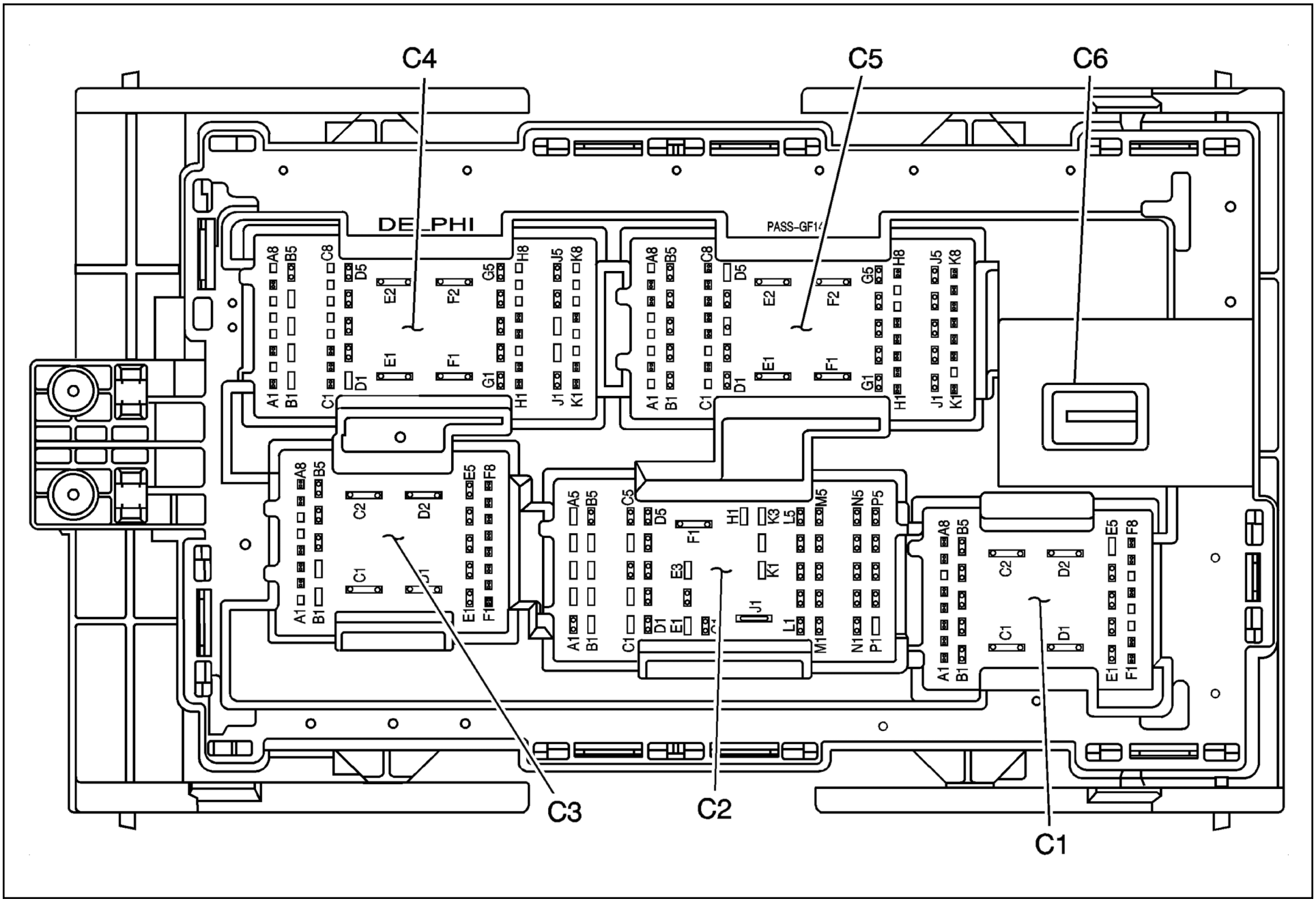
Fuse	Device	Rating	Description
#72	MBEC1	60A	DRIVER SEAT 2 Circuit Breaker, PASSENGER SEAT 1 Circuit Breaker, RT DOORS Circuit Breaker
#73	HVAC BLWR	40A	Blower Motor Control Module
#74	LGM	30A	Liftgate Module (LGM) (E61)
#75	LBEC2	60A	BCM Fuse, COOLED SEATS Fuse, DDM Fuse, DIM Fuse, DSM Fuse, REAR HVAC Fuse, RT STOP TRN Fuse, WSW PUMP Fuse

RELAY DEVICE	DESCRIPTION
A/C CMPRSR	A/C CMPRSR Fuse
ENG EXH VLV	AXH VLV Fuse
FAN CNTRL	FOG LAMP Fuse
FOG LAMP	FOG LAMP Fuse
FUEL PMP	FUEL PUMP Fuse
HDLP LO/HID	LO HDLP–LT Fuse, LO HDLP–RT Fuse, DRL 2 Fuse
PRK LAMP	LT PRK Fuse, RT PRK Fuse, TRLR PRK Fuse
PWR/TRN	ECM/THROT CONT Fuse, ENG Fuse, INJ-A Fuse, INJ-B Fuse, O2-A SNSR Fuse, O2-B SNSR Fuse, FAN CNTRL PCB Relay, FAN HI PCB Relay, FAN LO PCB Relay
REAR DEFOG	REAR DEFOG Fuse
RUN/CRNK	AIRBAG Fuse, AUX HVAC-IGN Fuse, IGN Fuse, ECM-IGN Fuse, MISC IGN Fuse, SEO/ALC Fuse, TRANS IGN 1 Fuse
STRTR	STRTR Fuse
Note: Relays listed below are non-serviceable Printed Circuit Board (PCB) relays and are internal to the block.	
BCK/UP LAMP PCB	VEH BCK/UP Fuse, TRLR BCK/UP Fuse
DRL PCB	DRL Fuse
ELECTRONIC ADJUSTABLE PEDALS PCB	Adjustable Pedals Assembly (JF4 Except AN3)
FAN CNTRL PCB	Cooling Fan–Right
FAN HI PCB	Cooling Fan–Right, FAN CNTRL Relay
FAN LO PCB	Cooling Fan–Left
FRT WASH PCB	FRT WASH Fuse
HI BEAM PCB	HI HEADLAMP–LT Fuse, HI HEADLAMP–RT Fuse
HORN PCB	HORN Fuse
L/GATE PCB	L/GATE RELSE Fuse
LOCK/UNLOCK PCB	LCK 1 Fuse, LCK 2 Fuse, UNLCK 1 Fuse, UNLCK 2 Fuse
PARK ENABLE PCB	Folding Seat Switch–Front (ARS), Folding Seat Switch–LR (ARS), Folding Seat Switch–RR (ARS), I/P Multifunction Switch Assembly
REAR WASH PCB	REAR WASH Fuse
RUN PCB	FWD Fuse, HTD STR/WHL Fuse
TRLR STOP LT PCB	TRLR STOP LT Fuse
TRLR STOP RT PCB	TRLR STOP RT Fuse
WIPER 1 PCB	Wiper 2 PCB Relay
WIPER 2 PCB	Windshield Wiper Motor

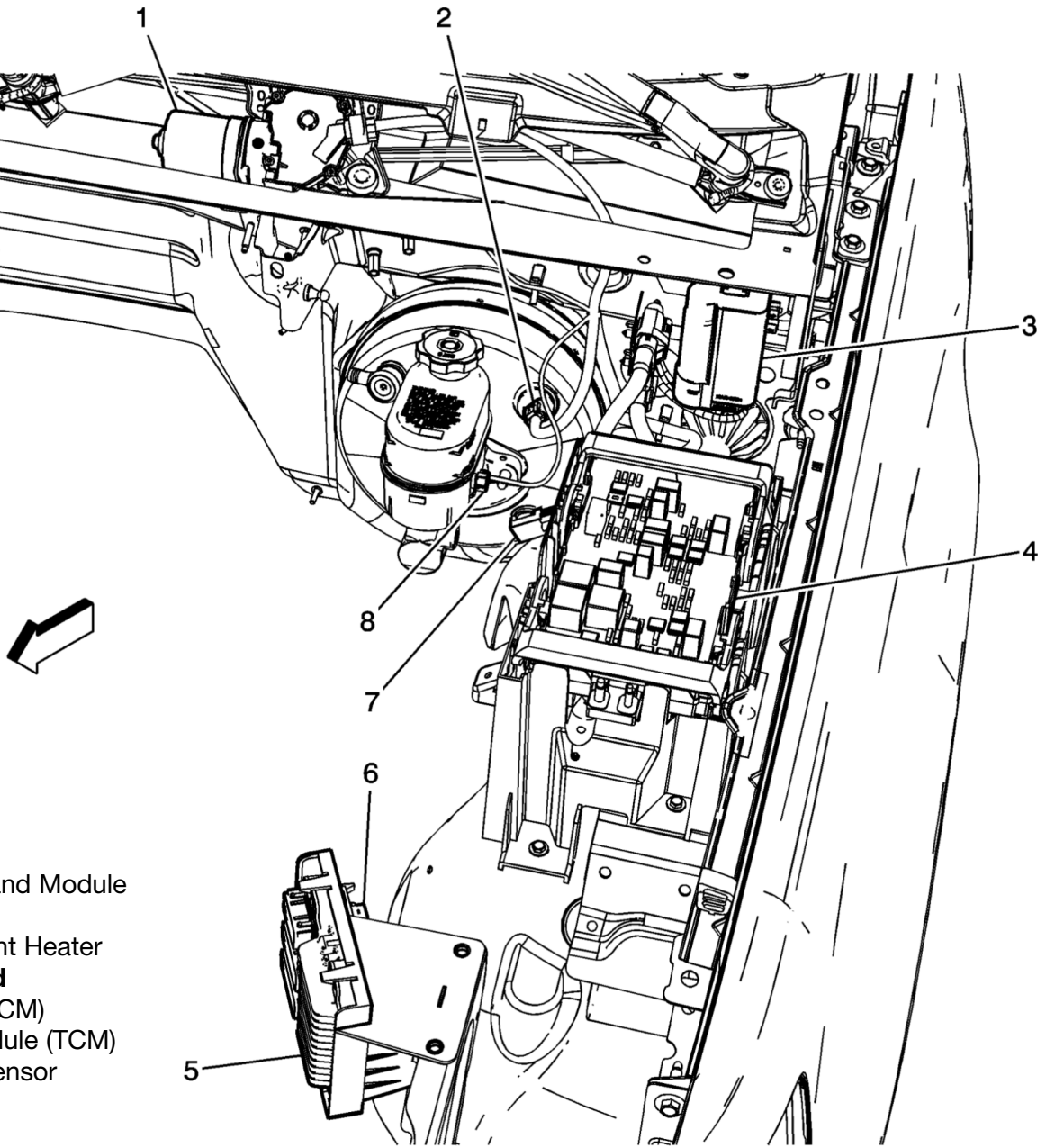
Power Distribution Centers: Underhood Fuse Block Top View



Power Distribution Centers: Underhood Fuse Block Bottom View

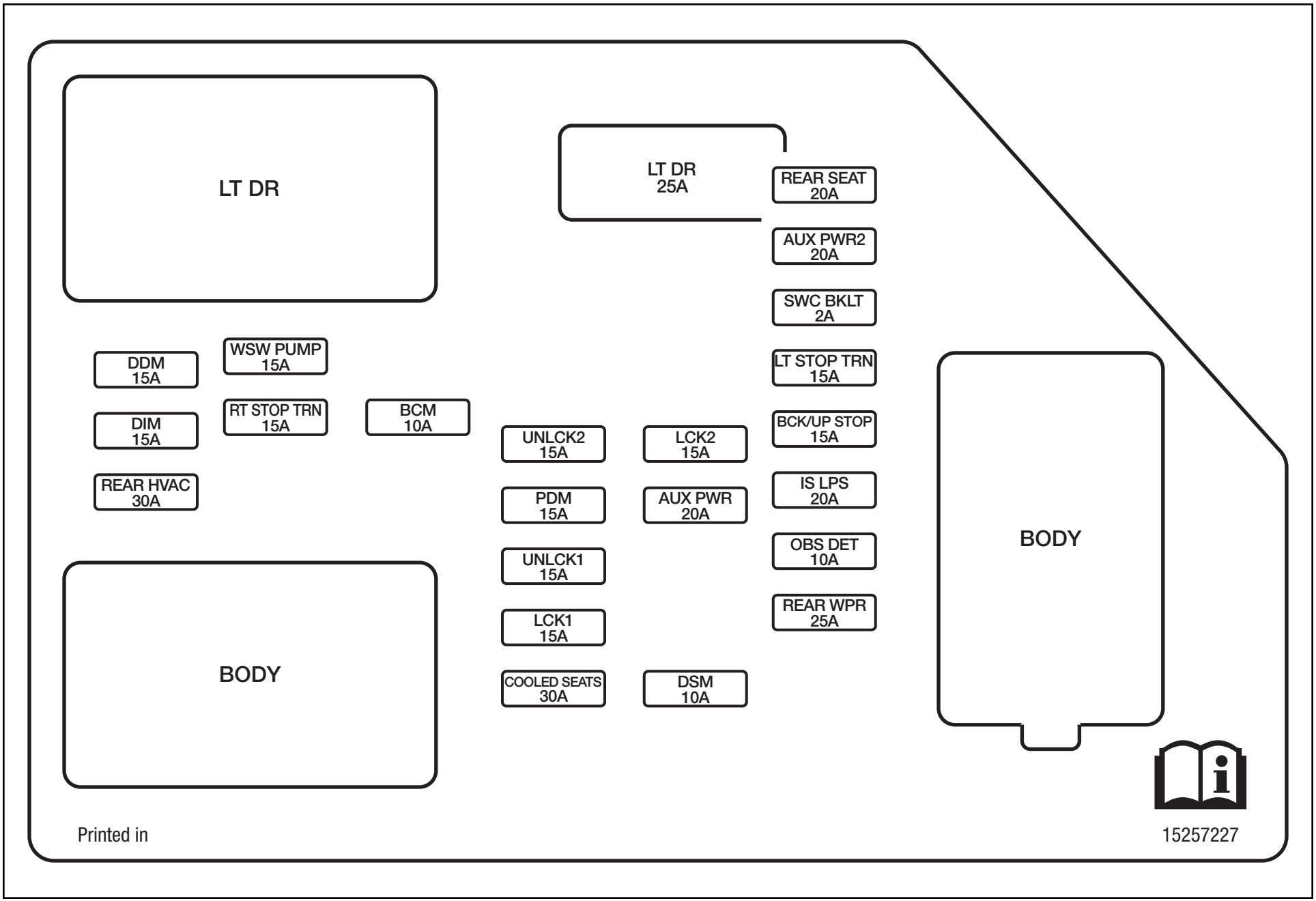


Power Distribution Centers: Underhood Fuse Block Location



(1) Windshield Wiper Motor and Module
(2) Power Brake Booster
(3) Windshield Washer Solvent Heater
(4) Fuse Block – Underhood
(5) Engine Control Module (ECM)
(6) Transmission Control Module (TCM)
(7) Brake Booster Vacuum Sensor
(8) Brake Fluid Level Switch

Power Distribution Centers : I/P Fuse Block

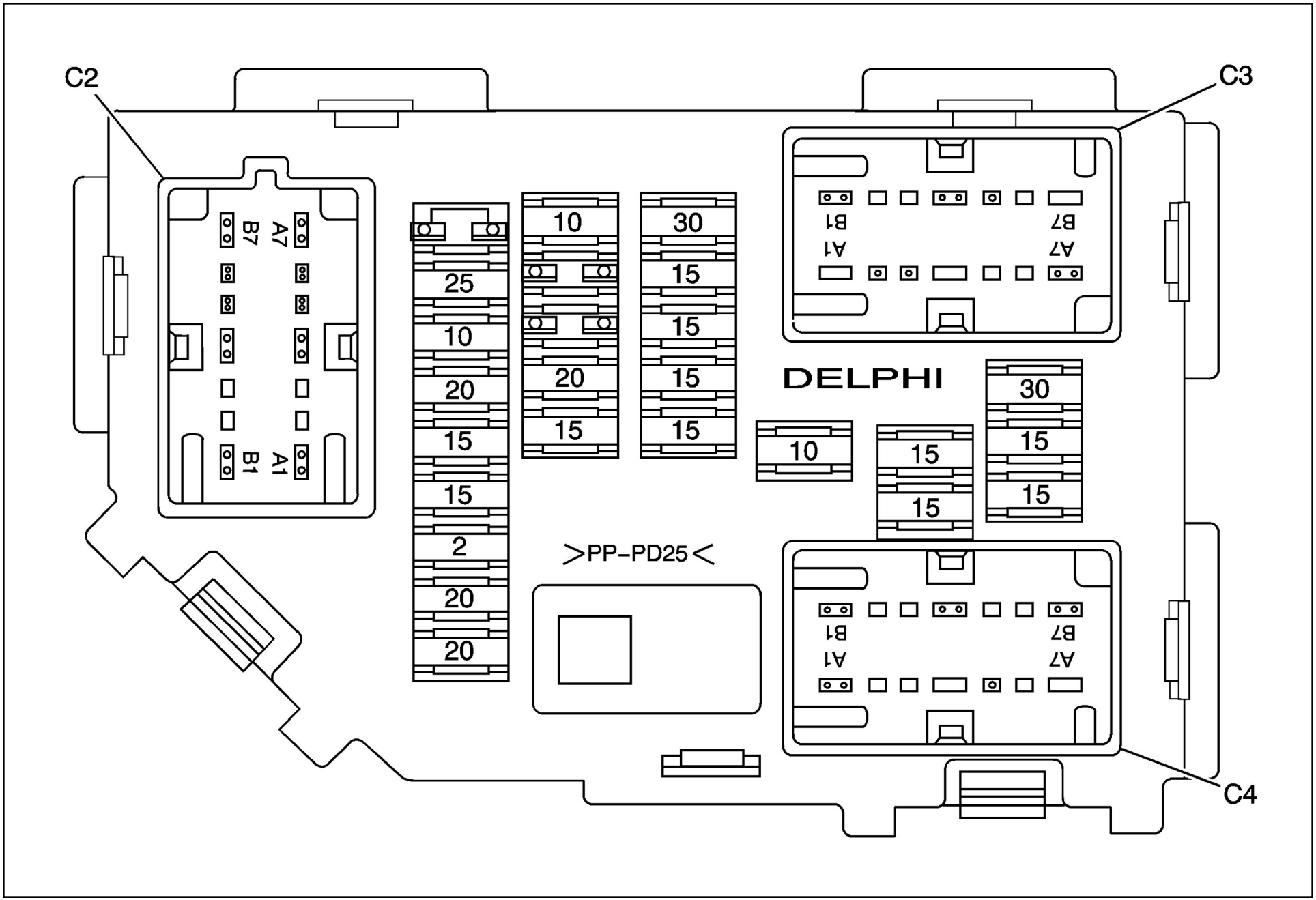


Power Distribution Centers : I/P Fuse Block Device Usage

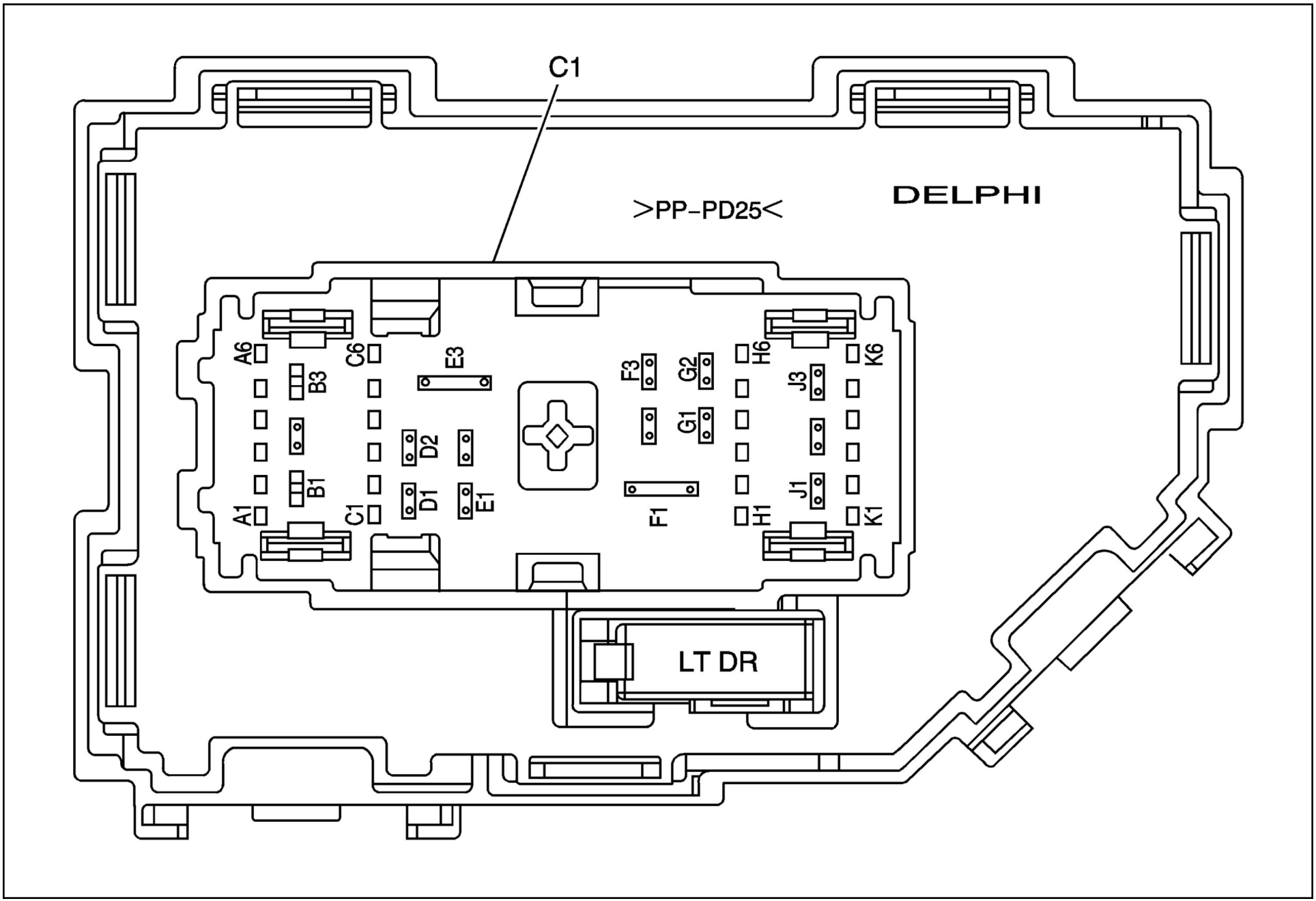
Device	Rating	Description
AUX PWR Fuse	20A	Auxiliary Power Outlet–Bin, Auxiliary Power Outlet–Console, Auxiliary Power Outlet–Front 1
AUX PWR2 Fuse	20A	Auxiliary Power Outlet–Rear
BCK/UP STOP Fuse	15A	Body Control Module (BCM)
BCM Fuse	10A	Body Control Module (BCM)
COOLED SEATS Fuse	30A	Climate Control Seat Module (KB6)
DDM Fuse	15A	Driver Door Module (DDM)
DIM Fuse	15A	Body Control Module (BCM)
DSM Fuse	10A	Memory Seat Module (AN3), Remote Control Door Lock Receiver (RCDLR)
IS LPS Fuse	20A	Body Control Module (BCM)
LCK1 Fuse	15A	Door Latch Assembly–LR, Door Latch Assembly–RR
LCK2 Fuse	15A	Endgate Lock Actuator
LT DR Circuit Breaker	25A	Driver Door Module (DDM), Window Switch–LR
LT STOP TRN Fuse	15A	Body Control Module (BCM)
OBS DET Fuse	10A	Liftgate Module (LGM) (E61), Rear Object Sensor Control Module (UD7)
PDM Fuse	15A	Garage Door Opener (GDO) (UG1), Inside Rearview Mirror (ISRVM), Passenger Door Module (PDM), Roof Beacon Switch (5G4)
REAR HVAC Fuse	30A	Blower Motor Control Module–Auxiliary
REAR SEAT Fuse	20A	Folding Seat Motor–LR (ARS), Folding Seat Motor–RR (ARS), Heated Seat Module–Rear (KA6)
REAR WPR Fuse	25A	Rear Window Wiper Motor (E52)
RT STOP TRN Fuse	15A	Body Control Module (BCM)
SWC BKLT Fuse	2A	Steering Wheel Control Switch Assembly–Left, Steering Wheel Control Switch Assembly–Right
UNLCK1 Fuse	15A	Door Latch Assembly–LR, Door Latch Assembly–RR
UNLCK2 Fuse	15A	Endgate Lock Actuator
WSW PUMP Fuse	15A	Body Control Module (BCM)

2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

Power Distribution Centers : I/P Fuse Block Top View

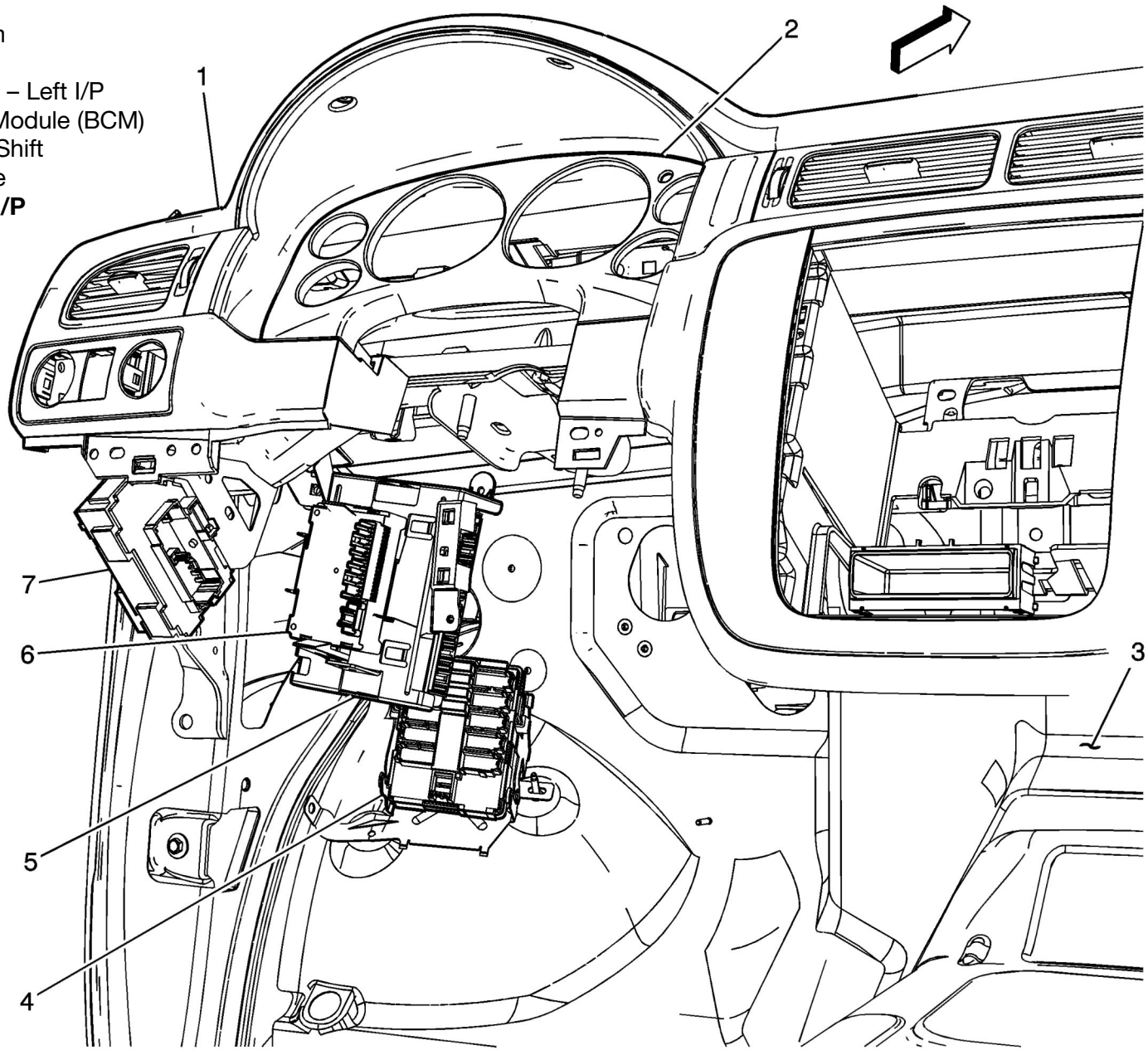


Power Distribution Centers : I/P Fuse Block Bottom View



Power Distribution Centers : I/P Fuse Block Location

(1) I/P Trim
(2) I/P Cluster Trim
(3) Floor Panel
(4) Junction Block – Left I/P
(5) Body Control Module (BCM)
(6) Transfer Case Shift Control Module
(7) Fuse Block - I/P



Ground Location Index

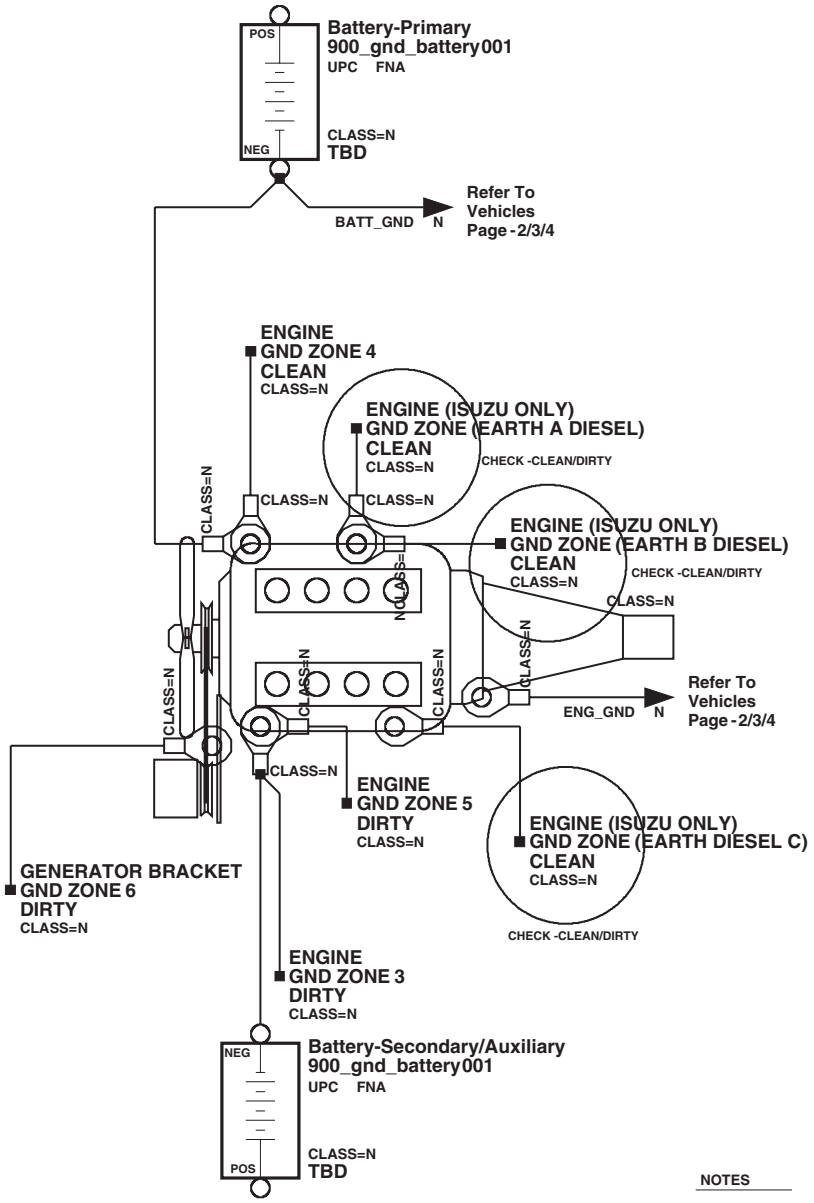
Ground View Index

The ground distribution drawings are included that show the location of engine and chassis grounds in the vehicle. These stud locations are noted by zone # (i.e. Zone 1). Wire harness ground provisions (ring terminal) are noted by G # (i.e. G100). Detailed drawings showing these locations are also included.

The index below relates the location on the vehicle (Ground Zone) with the appropriate Grounding Location View (G#).

Ground Zone	Grounding Location View
Zone 1 and Zone 2	G100 and G101
Zone 3 and 5	G102
Zone 4	G103
Zone 10	G200
Zone 18	G201
Zone 21	G300
Zone 17A and 17BB	G400 and G401
Zone 14	G402

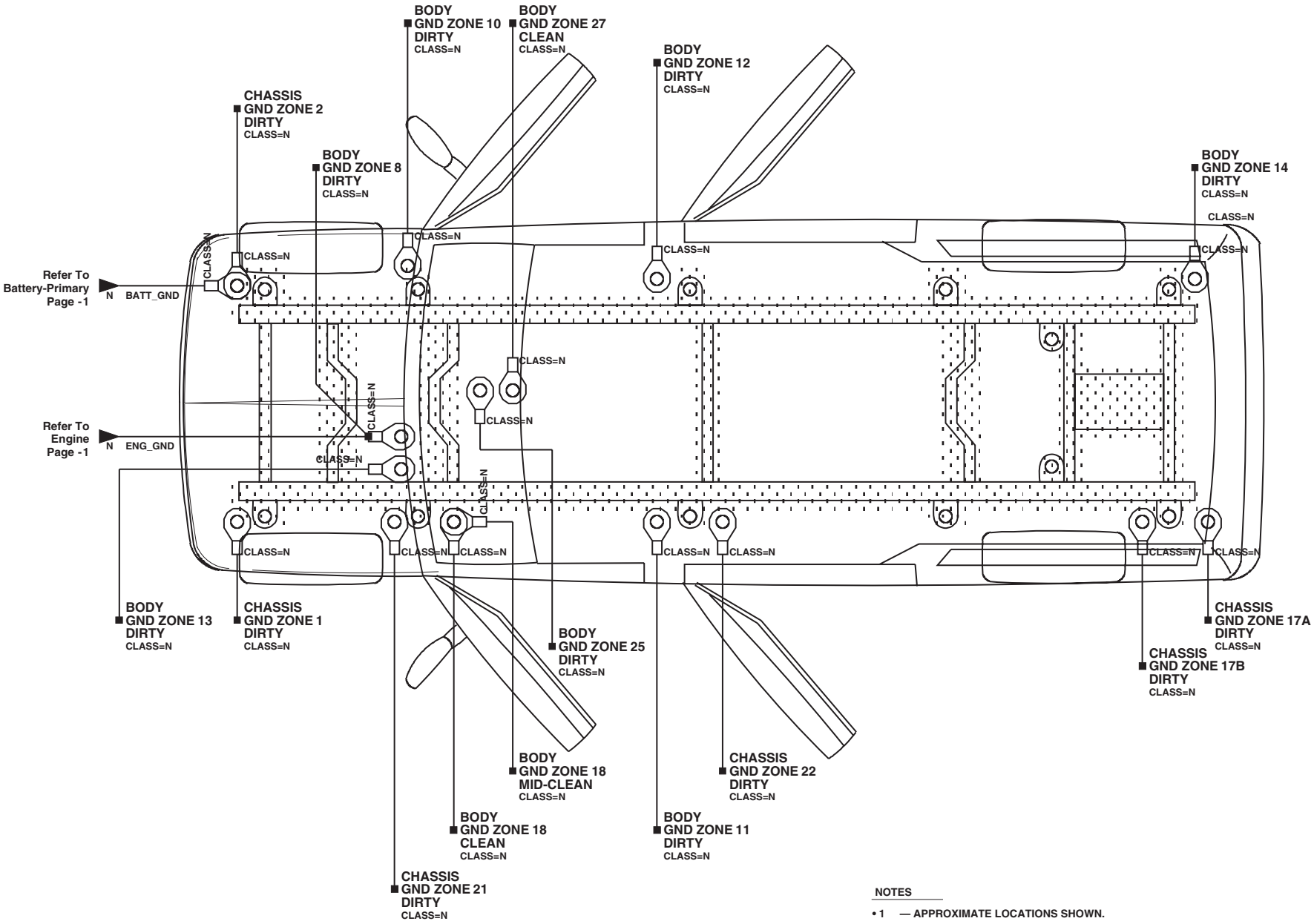
Ground Zone Location



NOTES

- 1 — APPROXIMATE LOCATIONS SHOWN.
- 2 — "CLASS=N" IS AN IVED CONVENTION & SHOULDN'T BE CONFUSED AS DESIGN.

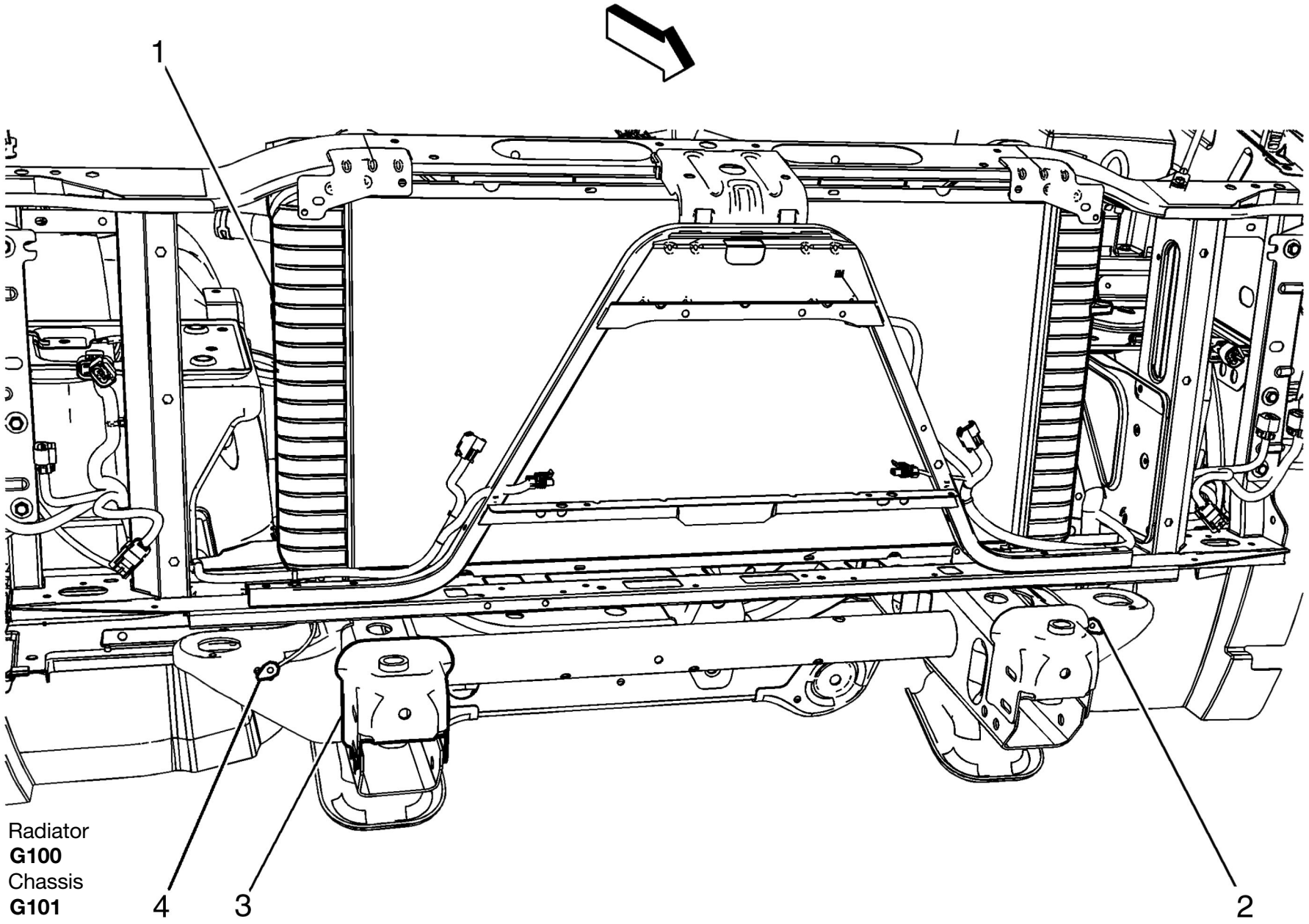
Ground Zone Location


BODY GND ZONE 10 DIRTY CLASS=N
BODY GND ZONE 27 CLEAN CLASS=N
BODY GND ZONE 12 DIRTY CLASS=N
CHASSIS GND ZONE 2 DIRTY CLASS=N
BODY GND ZONE 8 DIRTY CLASS=N
BODY GND ZONE 14 DIRTY CLASS=N
Refer To Battery-Primary Page -1
N BATT_GND
Refer To Engine Page -1
N ENG_GND
CLASS=N
BODY GND ZONE 13 DIRTY CLASS=N
CHASSIS GND ZONE 1 DIRTY CLASS=N
BODY GND ZONE 25 DIRTY CLASS=N
CHASSIS GND ZONE 17A DIRTY CLASS=N
CHASSIS GND ZONE 17B DIRTY CLASS=N
BODY GND ZONE 18 MID-CLEAN CLASS=N
CHASSIS GND ZONE 22 DIRTY CLASS=N
BODY GND ZONE 18 CLEAN CLASS=N
BODY GND ZONE 11 DIRTY CLASS=N
CHASSIS GND ZONE 21 DIRTY CLASS=N

NOTES

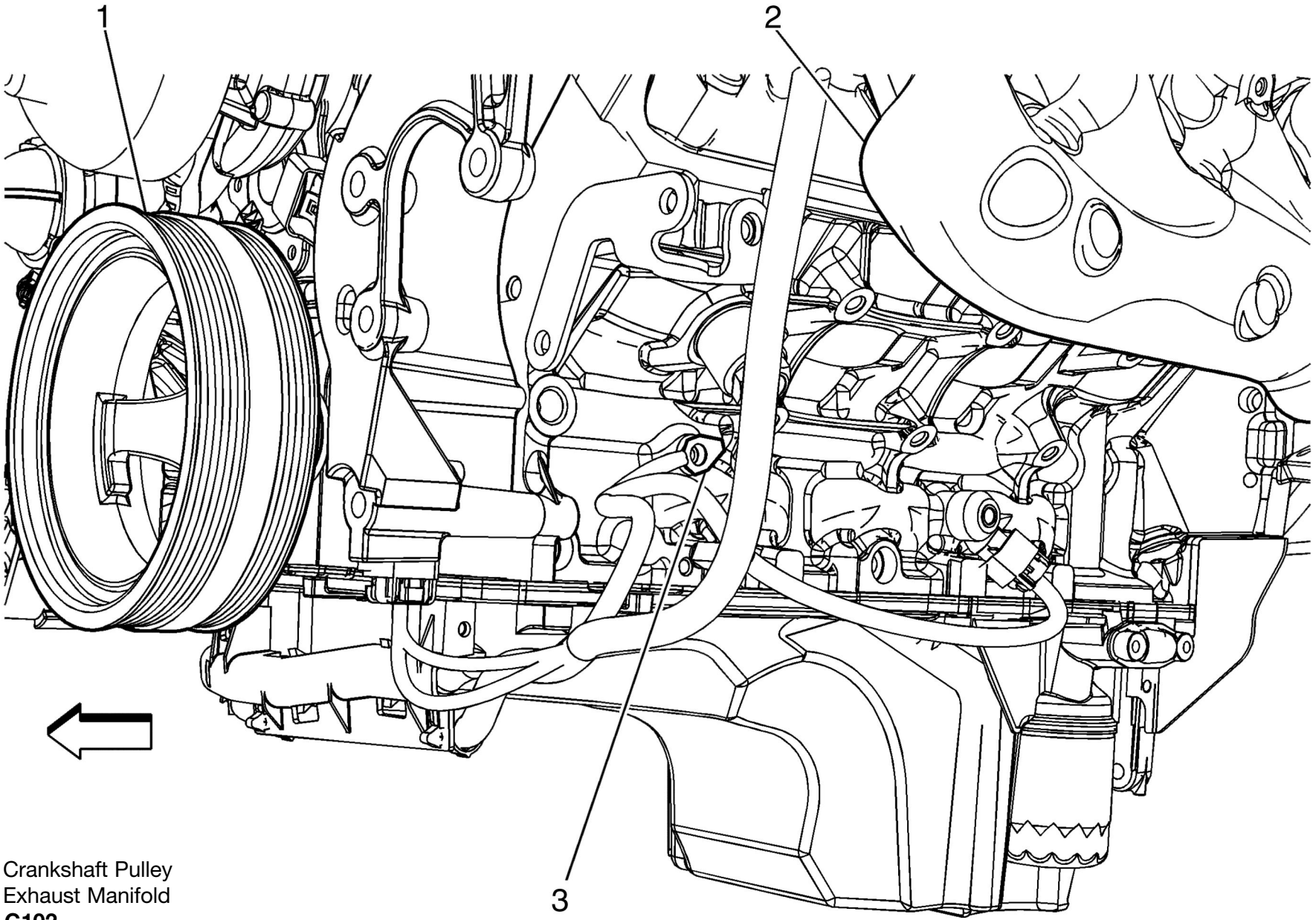
- 1 — APPROXIMATE LOCATIONS SHOWN.
- 2 — "CLASS=N" IS AN IVED CONVENTION & SHOULDN'T BE CONFUSED AS DESIGN.

Ground Location G100 and G101



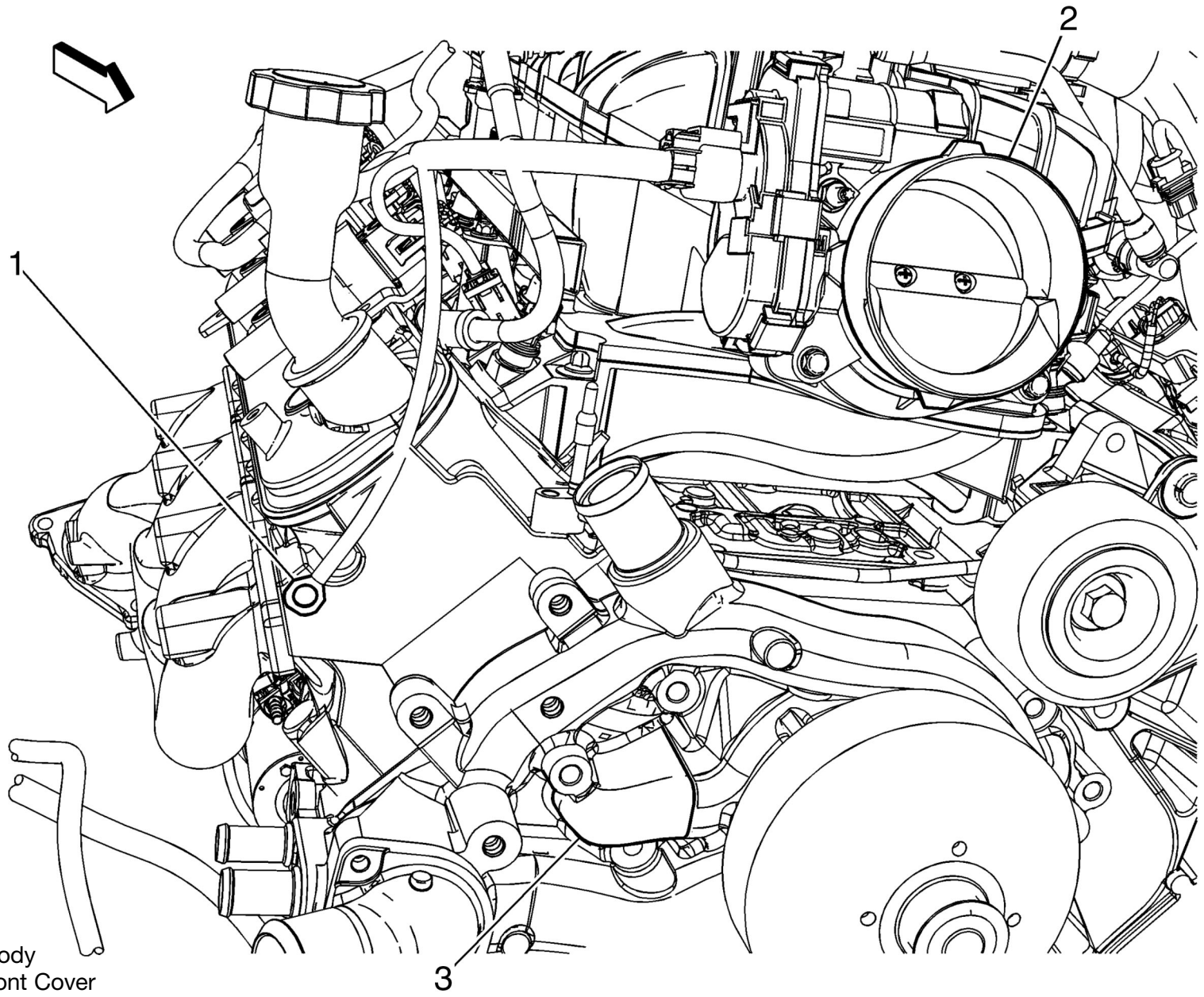
(1) Radiator
(2) G100
(3) Chassis
(4) G101

Ground Location G102



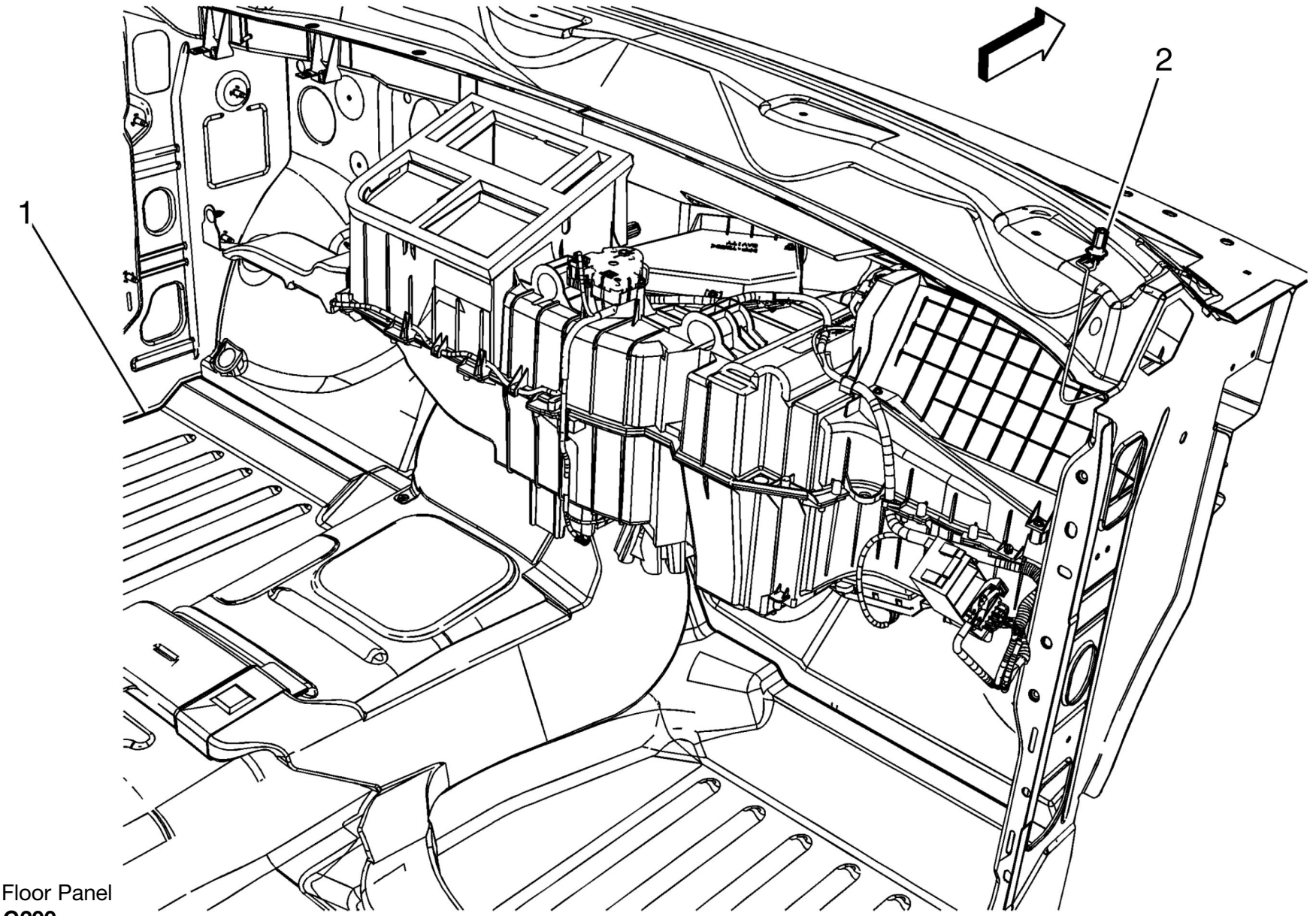
(1) Crankshaft Pulley
(2) Exhaust Manifold
(3) G102

Ground Location G103



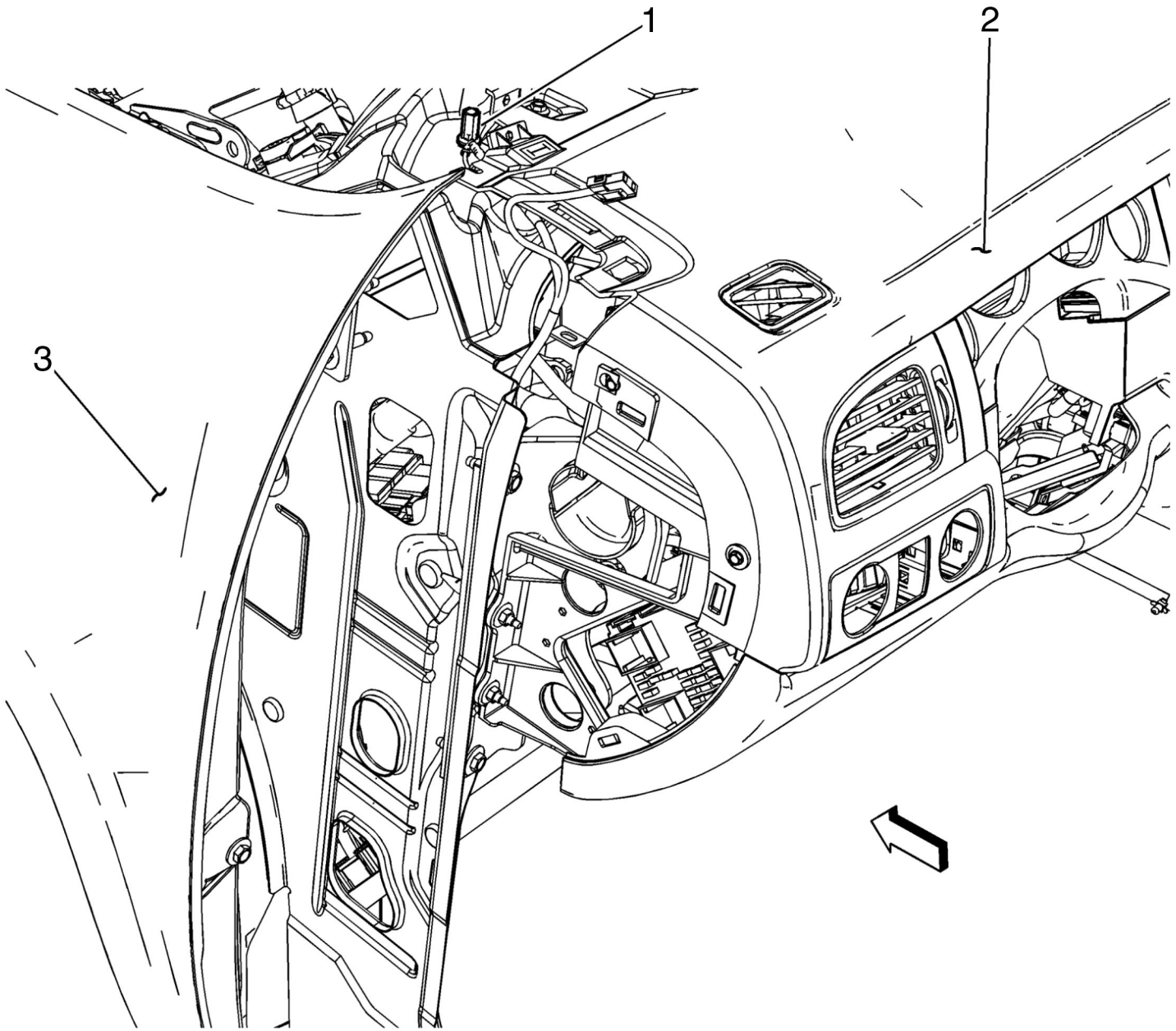
(1) G103
(2) Throttle Body
(3) Engine Front Cover

Ground Location G200



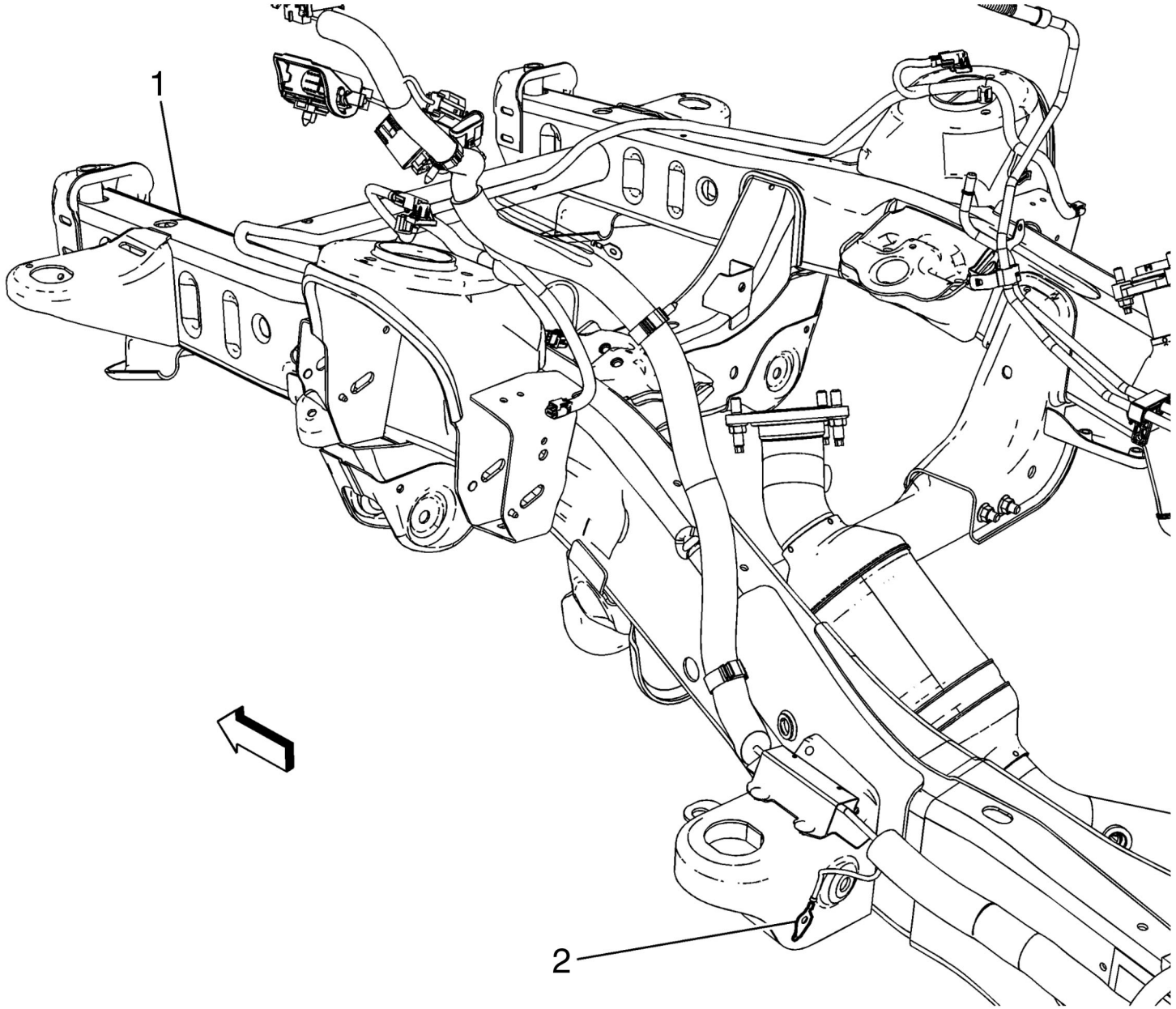
(1) Floor Panel
(2) G200

Ground Location G201



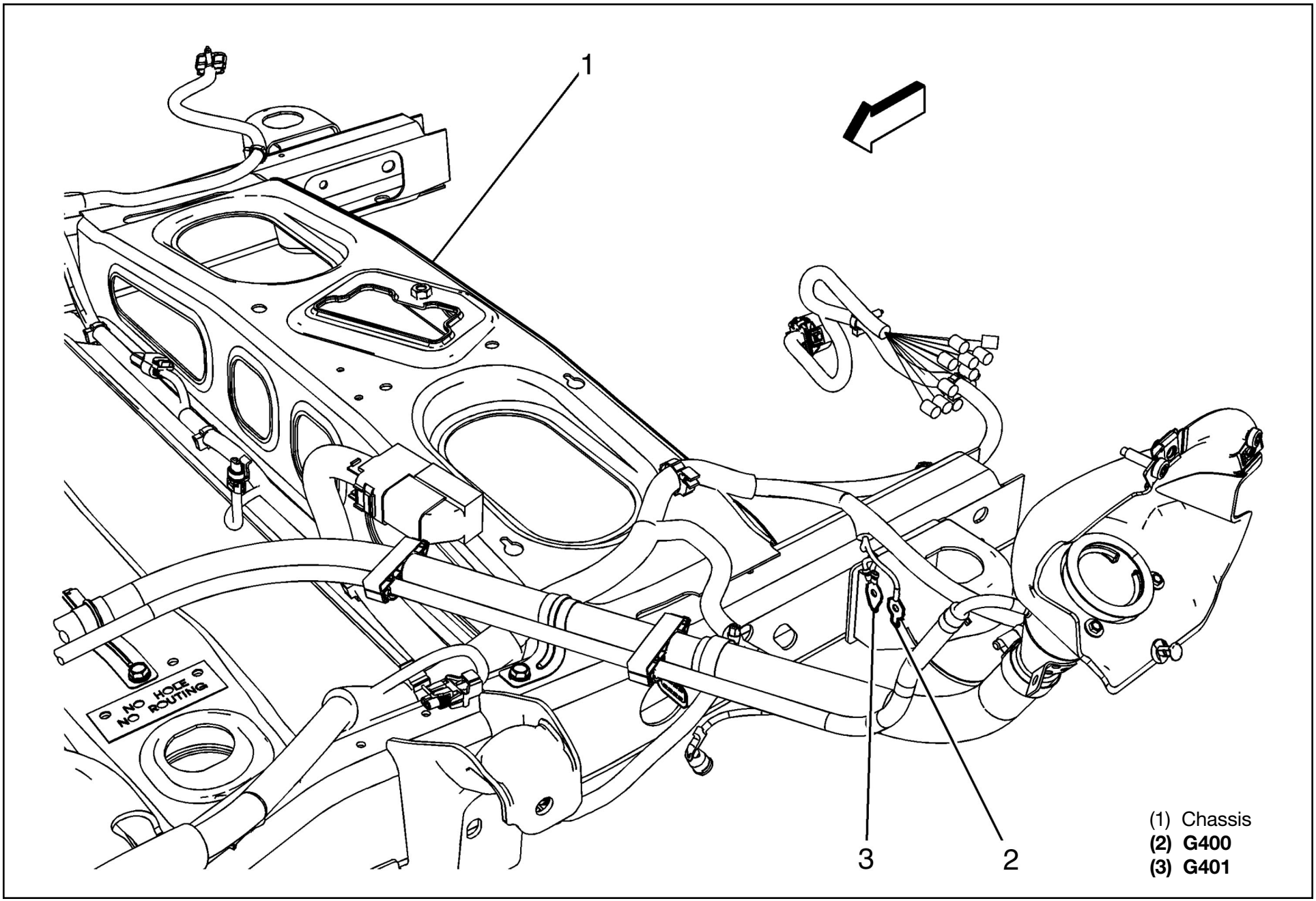
(1) G201
(2) I/P Trim
(3) LF Fender

Ground Location G300



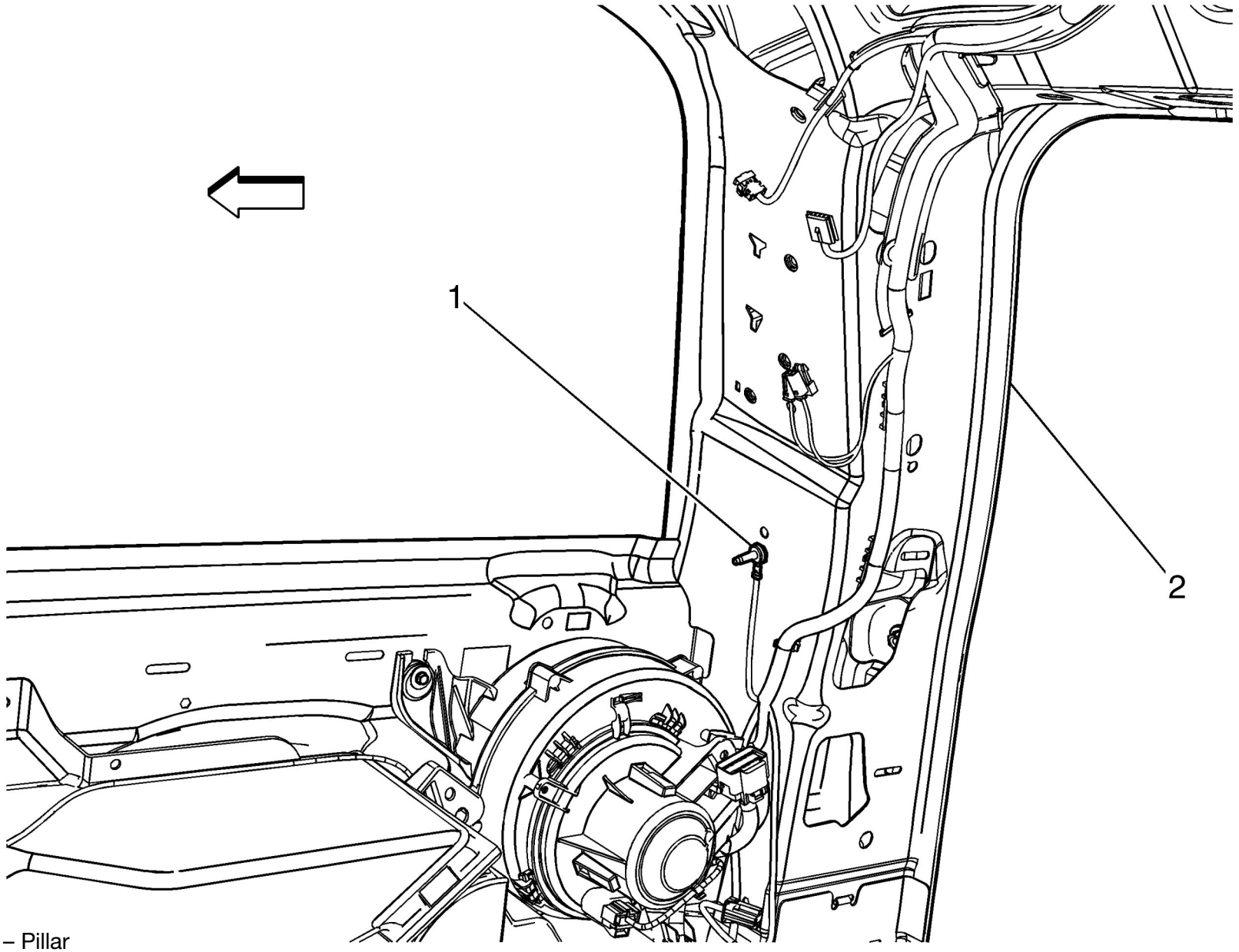
(1) Chassis
(2) G300

Ground Location G400 and 401



(1) Chassis
(2) G400
(3) G401

Ground Location G402



(1) G402
(2) RR D – Pillar

Engine Control Module (ECM) – Connector C-1

Connector:	73-Way F Receptable 0.64 Sealed (BK)
O.E.M.:	15499466
Color:	**BLK**
Service:	88988931

Pin	Wire Color	Circuit No.	Function
1	OG/BK	1786	Park/Neutral Signal
2	GY/BK	1694	4WD Low Signal
3-8	— —	— —	Not Used
9	L-BU/WH	6311	Cruise/ETC/TCC Brake Signal
10	PU/WH	1668	HO2S High Signal [- Bank 1 Sensor X]
11	TN/WH	1669	HO2S Low Signal [- Bank 1 Sensor X]
12	OG/BK	380	A/C Refrigerant Pressure Sensor Signal
13	TN	5514	Low Reference
14-15	— —	— —	Not Used
16	PU	1589	Fuel Level Sensor Signal [- Primary]
17	D-BU/WH	473	High Speed Cooling Fan Relay Control
18	D-BU	5985	Accessory Wakeup Serial Data
19	PK	439	Ignition 1 Voltage
20	RD/WH	440	Battery Positive Voltage
21-22	— —	— —	Not Used
23	PU	1272	Low Reference
24	D-GN	890	Fuel Tank Pressure Sensor Signal
25-26	— —	— —	Not Used
27	TN	2501	High Speed GMLAN Serial Data Bus –
28	TN/BK	2500	High Speed GMLAN Serial Data Bus +
29	D-BU	1161	APP Sensor 1 Signal
30	BN	1271	Low Reference
31	TN/BK	6049	Fuel Tank Sensor Low Reference
32	L-BU	1162	APP Sensor 2 Signal
33	GY	2709	5-Volt Reference
34	GY/WH	2700	A/C Pressure Sensor 5-Volt Reference
35	— —	— —	Not Used

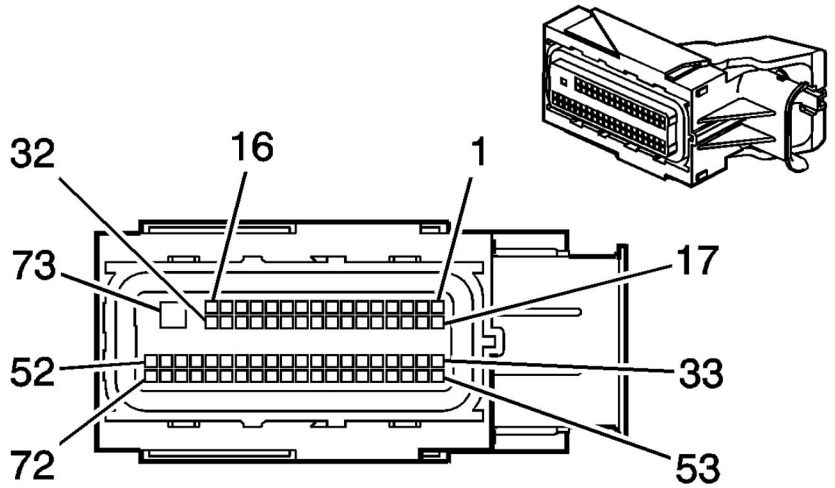


chart continued on next page

Engine Control Module (ECM) – Connector C-1 (continued)

chart continued from previous page

Pin	Wire Color	Circuit No.	Function
36	TN	1274	5-Volt Reference
37	TN/BK	472	IAT Sensor Signal
38	TN	2760	Low Reference
39-40	——	——	Not Used
41	YE	492	MAF Sensor Signal
42-46	——	——	Not Used
47	PK/BK	1339	Ignition 1 Voltage
48	——	——	Not Used
49	TN	1671	HO2S Low Signal [- Bank 2 Sensor 2]
50	D-GN/WH	465	Fuel Pump Relay Control [- Primary]
51	TN	1465	Fuel Pump Relay Control [- Secondary]
52	YE/BK	625	Starter Enable Relay Control
53-55	——	——	Not Used
56	WH/BK	1164	5-Volt Reference
57	YE/BK	1827	Vehicle Speed Signal
58	D-GN	335	Low Speed Cooling Fan Relay Control

Pin	Wire Color	Circuit No.	Function
59	YE	5991	Powertrain Relay Coil Control
60	——	——	Not Used
61	WH	1310	EVAP Canister Vent Solenoid Control
62	——	——	Not Used
63	D-GN/WH	459	A/C Compressor Clutch Relay Control
64	OG/WH	3223	HO2S Heater Low Control (Bank 2 Sensor 2)
65	GY/WH	3122	HO2S Heater Low Control [- Bank 2 Sensor 1]
66-67	——	——	Not Used
68	BN/WH	419	MIL Control
69	PU	1670	HO2S High Signal [- Bank 2 Sensor 2]
70	L-BU	1937	Secondary Fuel Level Sensor Signal
71	OG/BK	6399	Replicated TOS Signal
72	——	——	Not Used
73	BK/WH	451	Ground

Engine Control Module (ECM) – Connector C-2

Connector:	80-Way F Receptacle 0.64 2.8 Sealed (GY)
O.E.M.:	13511426
Color:	**GY**
Service:	19115670

Pin	Wire Color	Circuit No.	Function
1	— —	— —	Not Used
2	PU/WH	6270	5-Volt Reference
3	GY	2701	5-Volt Reference
4	— —	— —	Not Used
5	BN	582	TAC Motor Control - 2
6	YE	581	TAC Motor Control - 1
7	— —	— —	Not Used
8	D-GN/WH	428	EVAP Canister Purge Solenoid Control
9	GY	5493	Cylinder Shutoff Solenoid Control (3)
10	D-BU	5491	Cylinder Shutoff Solenoid Control (1)
11	OG	5494	Cylinder Shutoff Solenoid Control (4)
12	GY/WH	3113	HO2S Heater Low Control [- Bank 1 Sensor 1]
13	L-GN	3212	HO2S Heater Low Control [- Bank 2 Sensor 1]
14	L-GN/BK	5492	Cylinder Shutoff Solenoid Control (2)
15	— —	— —	Not Used
16	PU	5284	Camshaft Actuator Solenoid Control (AFM)
17	D-BU/WH	878	Fuel Injector 8 Control
18	TN/WH	845	Fuel Injector 5 Control
19	YE/BK	846	Fuel Injector 6 Control
20	TN	1744	Fuel Injector 1 Control
21	YE	410	ECT Sensor Signal
22	TN	2761	Low Reference
23-25	— —	— —	Not Used
26	D-BU	496	Knock Sensor [1] Signal

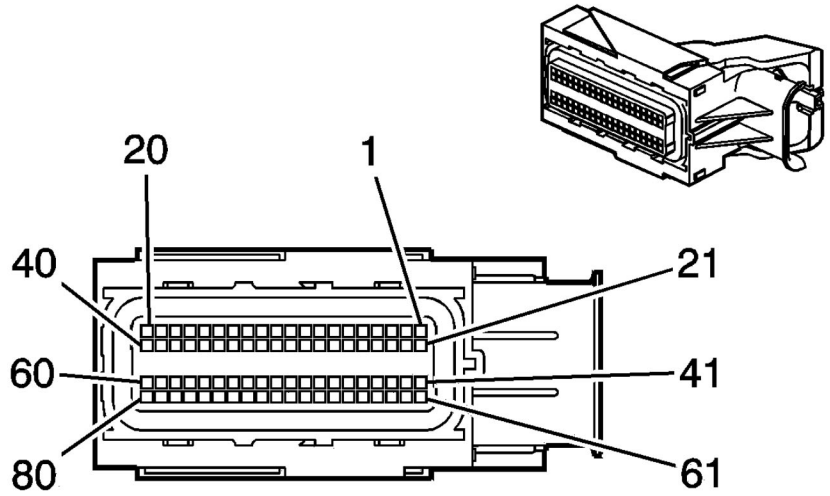


chart continued on next page

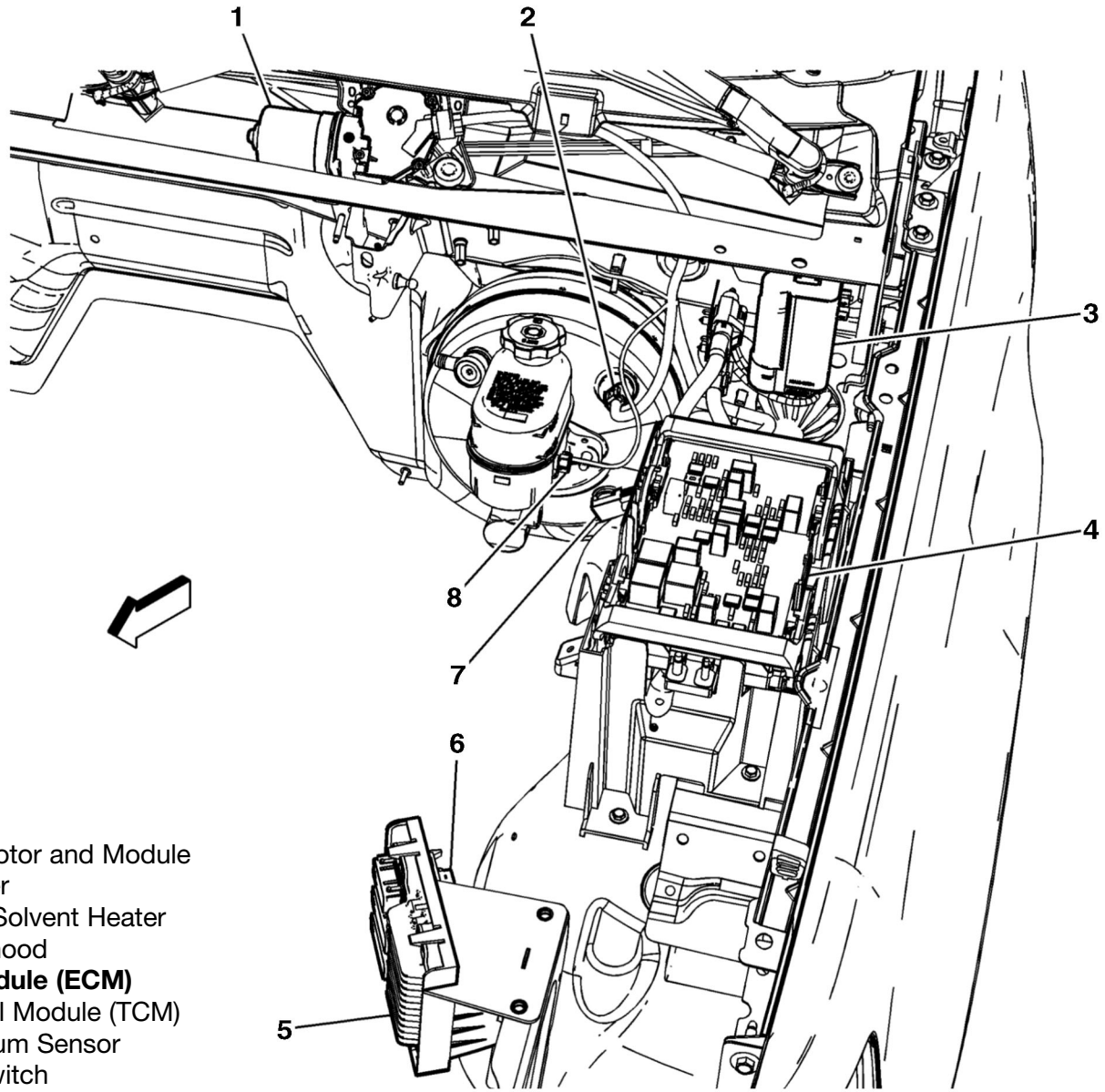
Engine Control Module (ECM) – Connector C-2 (continued)

chart continued from previous page

Pin	Wire Color	Circuit No.	Function
27	GY	1716	Low Reference
28	——	——	Not Used
29	L-BU	1876	Knock Sensor 2 Signal
30	GY	2303	Low Reference
31	——	——	Not Used
32	GY	23	Generator Field Duty Cycle Signal
33	BN	1174	Oil Level Switch Signal
34	BK	2755	Low Reference
35	TN	2752	Low Reference
36	——	——	Not Used
37	L-GN/BK	1745	Fuel Injector 2 Control
38	PK/BK	1746	Fuel Injector 3 Control
39	L-BU/BK	844	Fuel Injector 4 Control
40	OG/BK	877	Fuel Injector 7 Control
41	GY	2705	5-Volt Reference
42	——	——	Not Used
43	GY	2704	5-Volt Reference
44	D-BU	6259	5-Volt Reference
45-49	——	——	Not Used
50	TN/WH	331	Oil Pressure Sensor Signal
51	——	——	Not Used
52	TN	2199	Low Reference
53	OG/BK	469	Low Reference
54-55	——	——	Not Used
56	TN	1664	HO2S Low Signal [- Bank 1 Sensor 1]

Pin	Wire Color	Circuit No.	Function
57	PU/WH	1665	HO2S High Signal [- Bank 1 Sensor 1]
58	L-GN	432	MAP Sensor Signal
59	PU	1666	HO2S High Signal [- Bank 2 Sensor 1]
60	TN	1667	HO2S Low Signal [- Bank 2 Sensor 1]
61	BN	25	Charge Indicator Control/Charge Indicator Signal
62	——	——	Not Used
63	PU	486	TP Sensor 2 Signal
64	D-BU/WH	6265	Camshaft CAM W Signal
65	D-GN	485	TP Sensor 1 Signal
66	BN	6266	Camshaft CAM W Ground
67	——	——	Not Used
68	WH/BK	6271	Crankshaft 60X Sensor Signal
69	GY/BK	6272	Crankshaft 60X Sensor Low Reference
70	PU	2121	IC 1 Control
71	PU/WH	2128	IC 8 Control
72	OG	2127	IC 7 Control
73	OG/WH	2122	IC 2 Control
74	L-BU/WH	2126	IC 6 Control
75	D-GN	2125	IC 5 Control
76	D-GN/WH	2124	IC 4 Control
77	L-BU	2123	IC 3 Control
78	BN	2129	Low Reference
79	BN/WH	2130	Low Reference
80	——	——	Not Used

Engine Control Module (ECM) Location

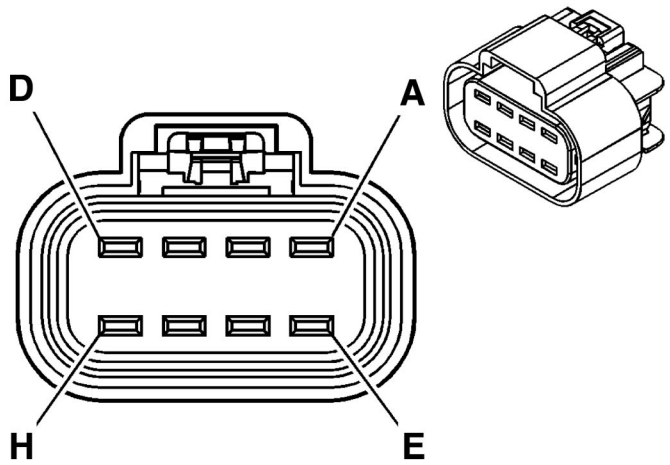


(1) Windshield Wiper Motor and Module
(2) Power Brake Booster
(3) Windshield Washer Solvent Heater
(4) Fuse Block - Underhood
(5) Engine Control Module (ECM)
(6) Transmission Control Module (TCM)
(7) Brake Booster Vacuum Sensor
(8) Brake Fluid Level Switch

C100 Forward Lamp Harness to Left Headlamp Harness (X88 or Z75)

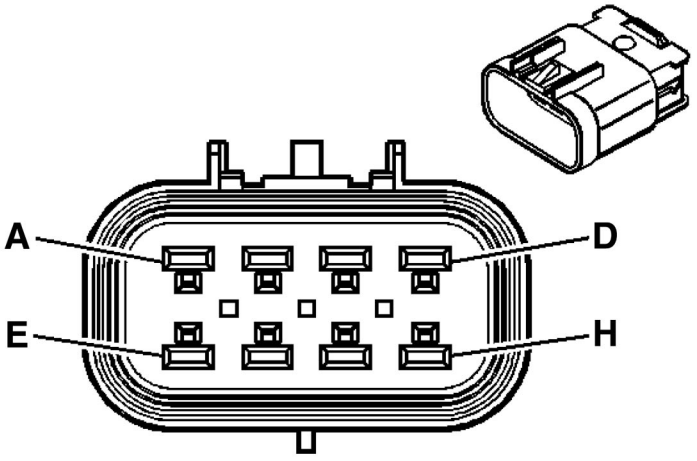
Connector: 8-Way F GT 280 Series, Sealed (BK)
O.E.M.: 15326654
Color: **BLK**
Service: 88986254

Pin	Wire Color	Circuit No.	Function
A	YE	712	Left Headlamp Low Beam Supply Voltage
B	BK	150	Ground
C	D-GN/WH	711	Left Headlamp High Beam Supply Voltage
D	D-BU	545	DRL Relay Control
E	BN	2509	Left Rear Park Lamps Supply Voltage
F	BK	250	Ground
G	L-BU/WH	1314	Left Front Turn Signal Lamp Supply Voltage (X88)
H	––	––	Not Used



Connector: 8-Way M GT 280 Series, Sealed (BK)
O.E.M.: 15326655
Color: **BLK**
Service: 15306424

Pin	Wire Color	Circuit No.	Function
A	YE	––	Left Headlamp Low Beam Supply Voltage
B	BK	––	Ground
C	D-GN/WH	––	Left Headlamp High Beam Supply Voltage
D	D-BU	––	DRL Relay Control
E	BN	––	Left Rear Park Lamps Supply Voltage
F	BK	––	Ground
	BK	––	Ground
G	L-BU/WH	––	Left Front Turn Signal Lamp Supply Voltage (X88)
H	––	––	Not Used



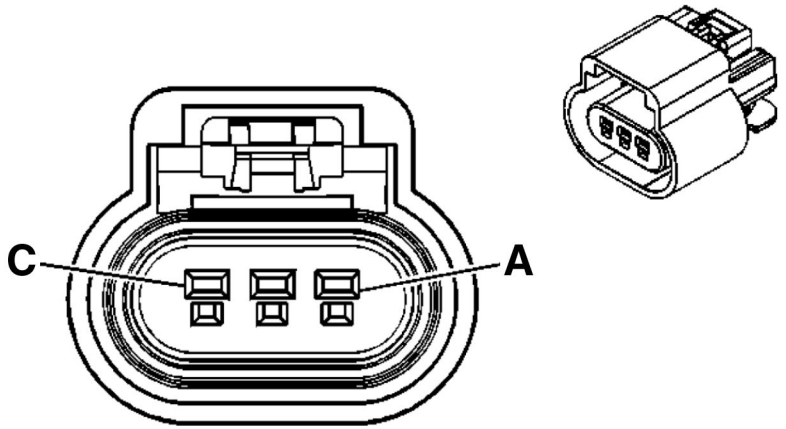
C101 Forward Lamp Harness to Left Front Lamp Harness (Z88)

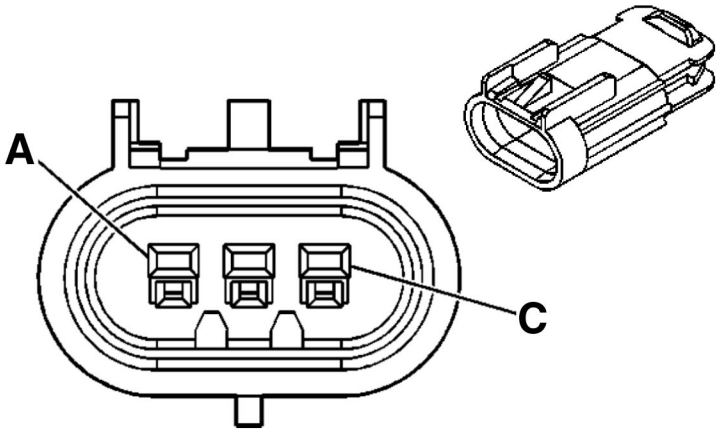
Connector:	3-Way F GT 150 Series, Sealed (BK)
O.E.M.:	15326808
Color:	**BLK**
Service:	See Catalog

Pin	Wire Color	Circuit No.	Function
A	BK	150	Ground
B	L-BU/WH	1314	Left Front Turn Signal Lamp Supply Voltage
C	BN	2509	Left Rear Park Lamps Supply Voltage

Connector:	3-Way M GT 150 Series, Sealed (BK)
O.E.M.:	15326813
Color:	**BLK**
Service:	15306377

Pin	Wire Color	Circuit No.	Function
A	BK	––	Ground
B	L-BU/WH	––	Left Front Turn Signal Lamp Supply Voltage
C	BN	––	Left Rear Park Lamps Supply Voltage

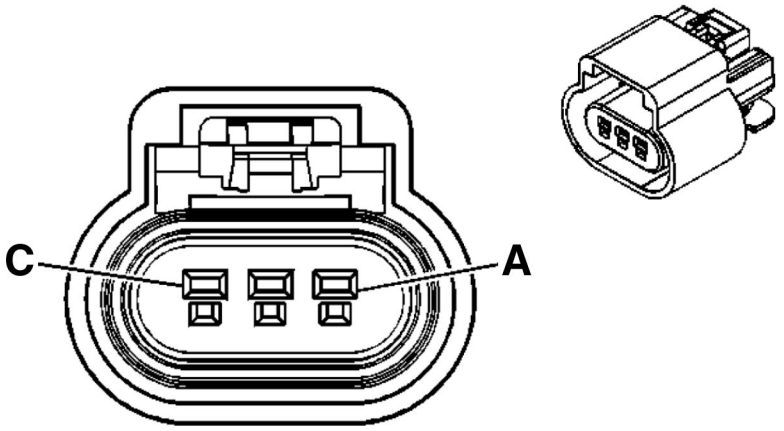




C104 Forward Lamp Harness to Right Front Lamp Harness (Z88)

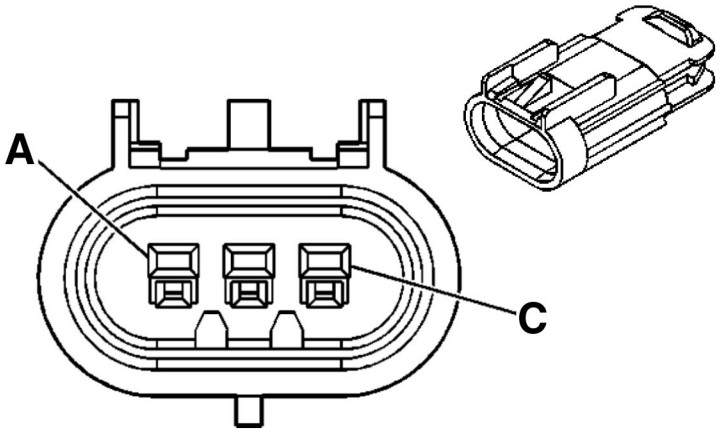
Connector:	3-Way F GT 150 Series, Sealed (BK)
O.E.M.:	15326808
Color:	**BLK**
Service:	See Catalog
Terminal/Tray:	12191819/8
Core/Insulation Crimp:	Pins: A-B: 2/A
Core/Insulation Crimp:	Pins: C: E/A
Release Tool/Test Probe:	15315247/J-35616-2A (GY)

Pin	Wire Color	Circuit No.	Function
A	BK	250	Ground
B	D-BU/WH	1315	Right Front Turn Signal Lamp Supply Voltage
C	BN	2609	Right Rear Park Lamps Supply Voltage



Connector:	3-Way M GT 150 Series, Sealed (BK)
O.E.M.:	15326813
Color:	**BLK**
Service:	15306377
Terminal:	TBD
Core/Insulation Crimp:	TBD
Core/Insulation Crimp:	TBD
Release Tool/Test Probe:	TBD

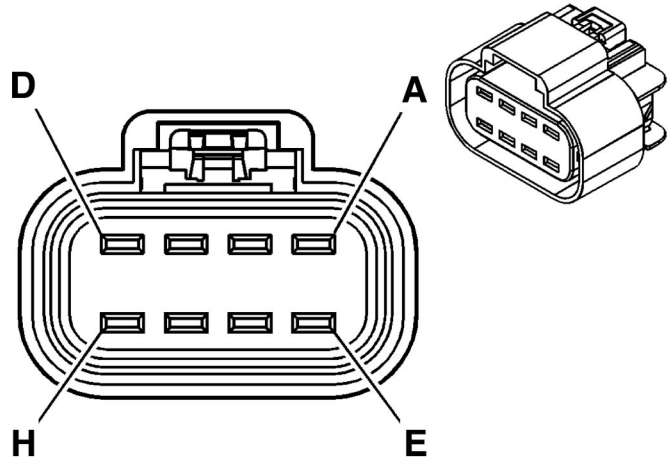
Pin	Wire Color	Circuit No.	Function
A	BK	––	Ground
B	D-BU/WH	––	Right Front Turn Signal Lamp Supply Voltage
C	BN	––	Right Rear Park Lamps Supply Voltage



C106 Forward Lamp Harness to Right Headlamp Harness (X88 or Z75)

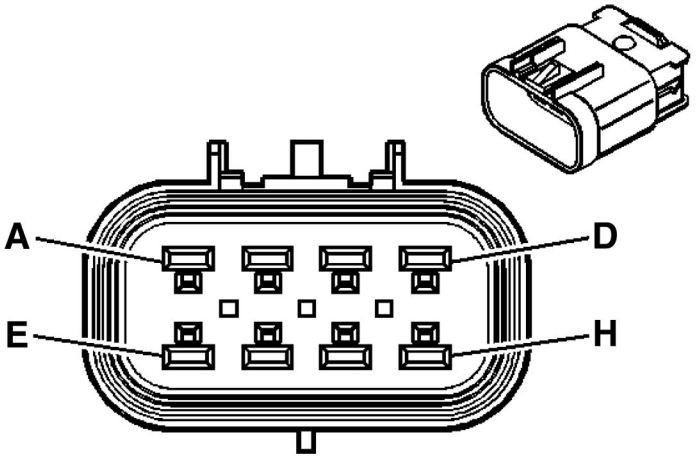
Connector: 8-Way F GT 280 Series, Sealed (BK)
O.E.M.: 15326654
Color: **BLK**
Service: 88986254

Pin	Wire Color	Circuit No.	Function
A	TN/WH	312	Right Headlamp Low Beam Supply Voltage
B	BK	250	Ground
C	L-GN/BK	311	Right Headlamp High Beam Supply Voltage
D	D-BU	545	DRL Relay Control
E	BN	2609	Right Rear Park Lamps Supply Voltage
F	BK	150	Ground
	BK	250	Ground
G	D-BU/WH	1315	Right Front Turn Signal Lamp Supply Voltage
H	––	––	Not Used



Connector: 8-Way M GT 280 Series, Sealed (BK)
O.E.M.: 15326655
Color: **BLK**
Service: 15306424

Pin	Wire Color	Circuit No.	Function
A	TN/WH	––	Right Headlamp Low Beam Supply Voltage
B	BK	––	Ground
C	L-GN/BK	––	Right Headlamp High Beam Supply Voltage
D	D-BU	––	DRL Relay Control
E	BN	––	Right Rear Park Lamps Supply Voltage
F	BK	––	Ground
	BK	––	Ground
G	D-BU/WH	––	Right Front Turn Signal Lamp Supply Voltage
H	––	––	Not Used



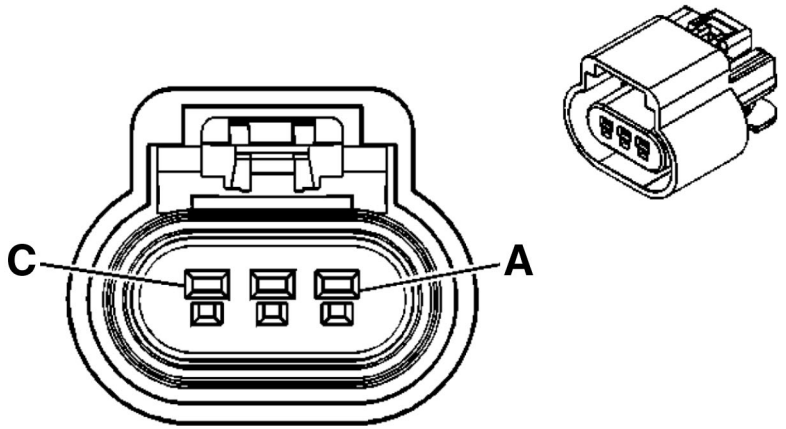
C107 Forward Lamp Harness to Forward Lamp Harness (VYU)

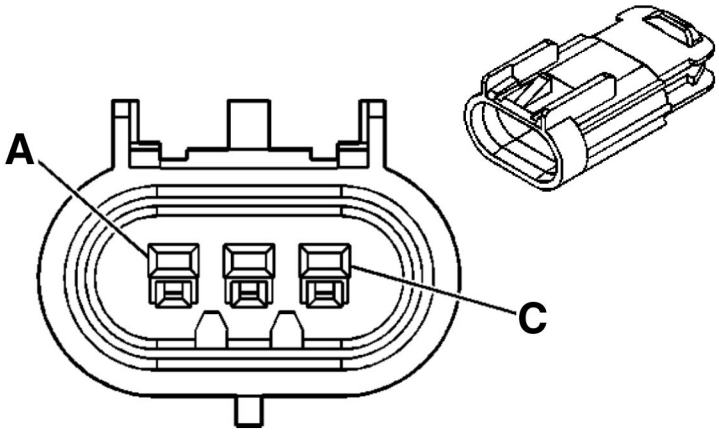
Connector:	3-Way F GT 150 Series, Sealed (BK)
O.E.M.:	15326808
Color:	**BLK**
Service:	See Catalog

Pin	Wire Color	Circuit No.	Function
A	YE	712	Left Headlamp Low Beam Supply Voltage
B	BK	250	Ground
C	D-GN/WH	711	Left Headlamp High Beam Supply Voltage

Connector:	3-Way M GT 150 Series, Sealed (BK)
O.E.M.:	15326813
Color:	**BLK**
Service:	15306377

Pin	Wire Color	Circuit No.	Function
A	YE	712	Left Headlamp Low Beam Supply Voltage
B	BK	150	Ground
C	D-GN/WH	711	Left Headlamp High Beam Supply Voltage





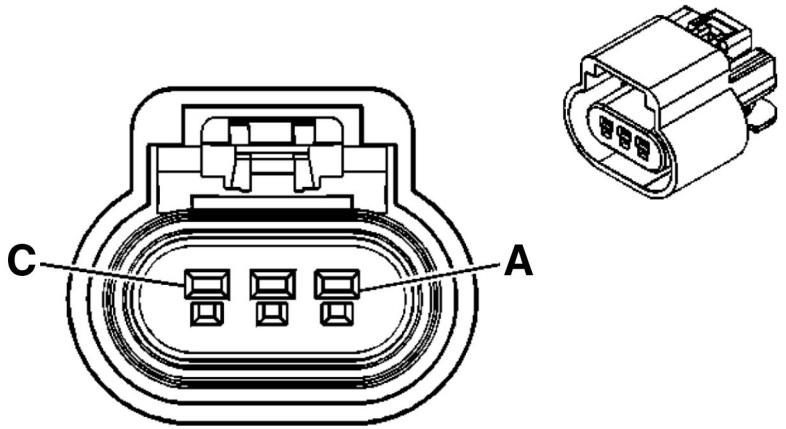
C108 Forward Lamp Harness to Forward Lamp Harness (VYU)

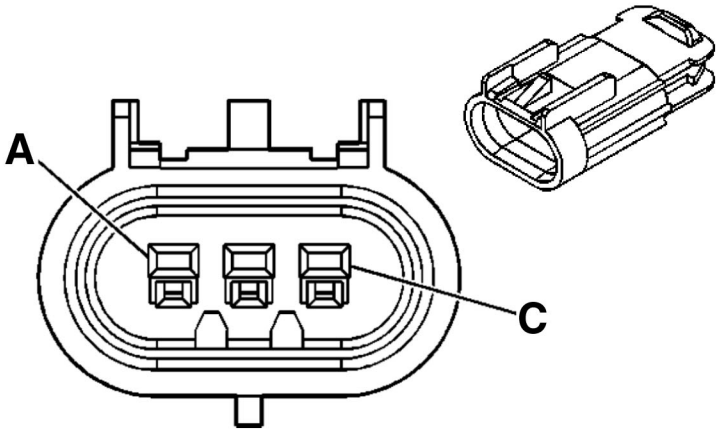
Connector:	3-Way F GT 150 Series, Sealed (BK)
O.E.M.:	15326808
Color:	**BLK**
Service:	See Catalog

Pin	Wire Color	Circuit No.	Function
A	TN/WH	312	Right Headlamp Low Beam Supply Voltage
B	BK	150	Ground
C	L-GN/BK	311	Right Headlamp High Beam Supply Voltage

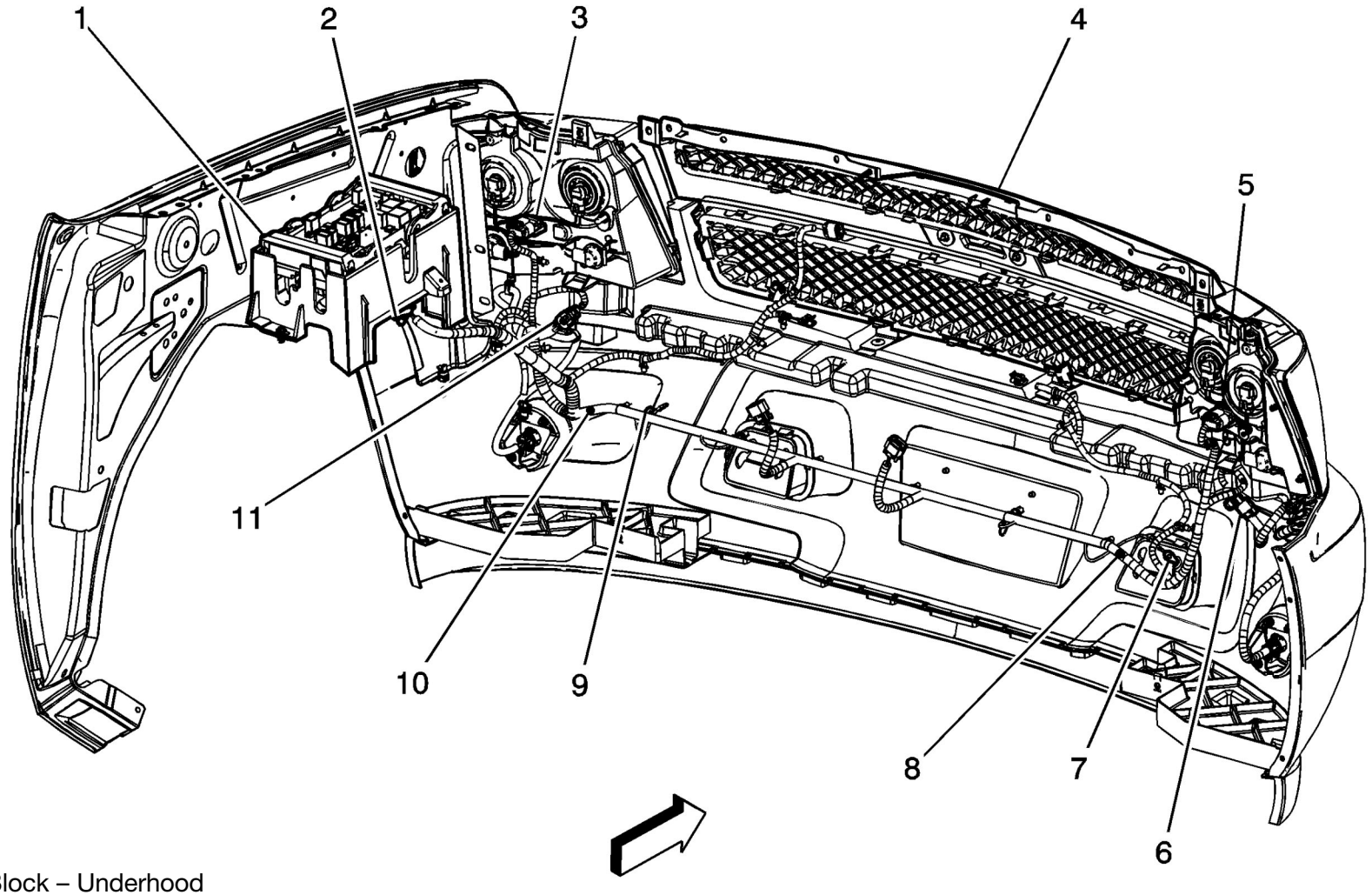
Connector:	3-Way M GT 150 Series, Sealed (BK)
O.E.M.:	15326813
Color:	**BLK**
Service:	15306377

Pin	Wire Color	Circuit No.	Function
A	TN/WH	312	Right Headlamp Low Beam Supply Voltage
B	BK	250	Ground
C	L-GN/BK	311	Right Headlamp High Beam Supply Voltage



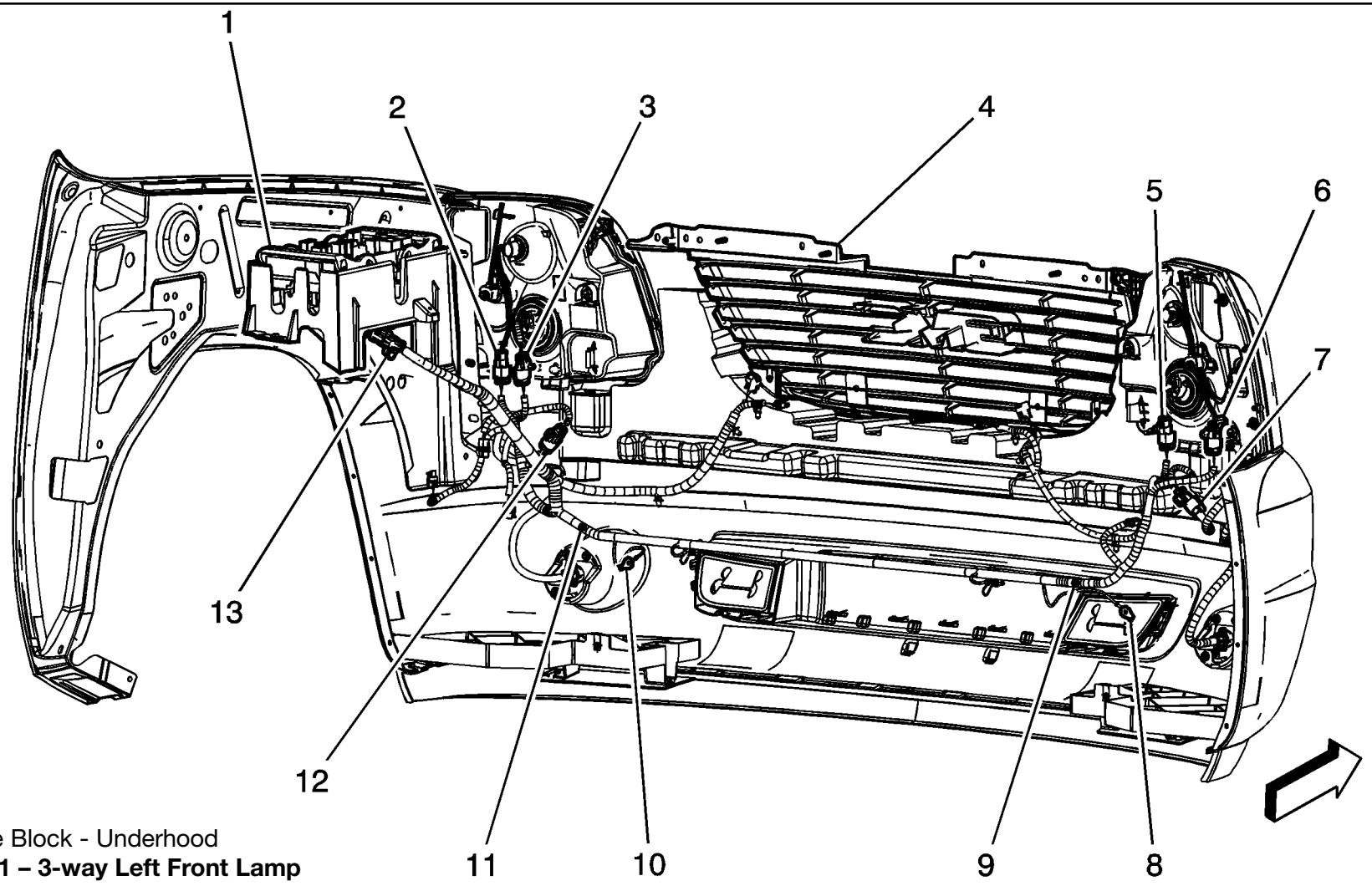


Front Fascia Harnesses Chevrolet Tahoe (X88)(c)



(1) Fuse Block – Underhood
(2) C103
(3) C100 – 8-way Left Headlamp
(4) Grill
(5) C106 – 8-way Right Headlamp
(6) C105 (T96)
(7) G101
(8) S101
(9) G100
(10) S100
(11) C102 (T96)

Front Fascia Harnesses GMC Yukon (Z88)(c)



(1) Fuse Block - Underhood
(2) C101 – 3-way Left Front Lamp
(3) C107 (VYU) – 3-way Left Head Lamp
(4) Grill
(5) C108 (VYU) – 3-way Left Head Lamp
(6) C104 – 3-way Right Front Lamp
(7) C105 (T96)
(8) G101
(9) S101
(10) G100
(11) S100
(12) C102 (T96)
(13) C103

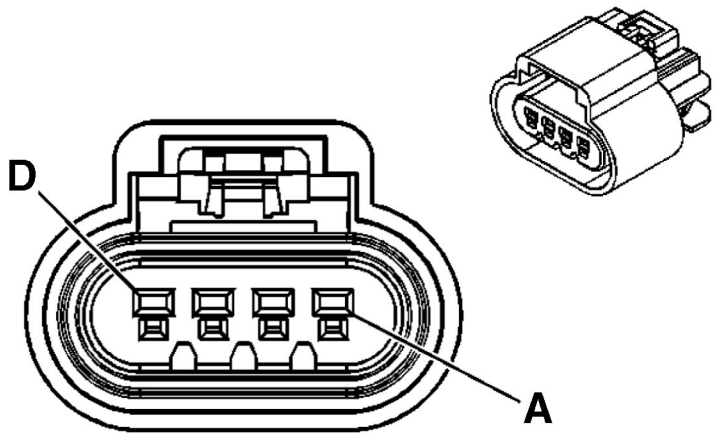
C411 Chassis Harness to Left Rear Lamp Harness (Except E52/Z75)

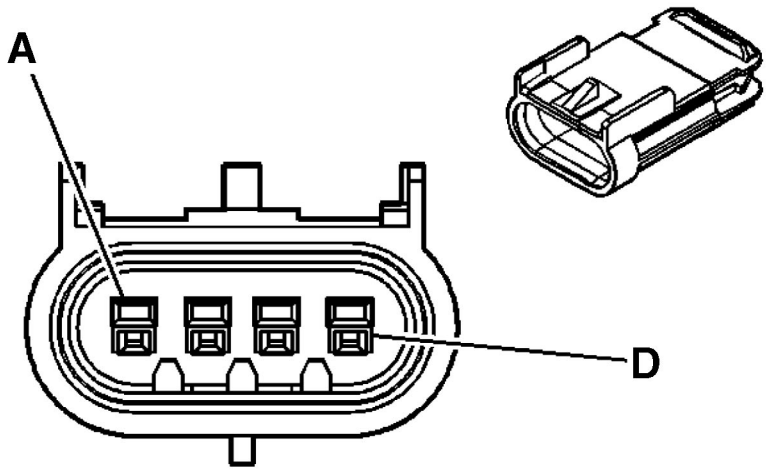
Connector:	4-Way F GT 150 Series, Sealed (BK)
O.E.M.:	15326815
Color:	**BLK**
Service:	15306396

Pin	Wire Color	Circuit No.	Function
A	YE	––	Left Rear Stop/Turn Lamp Supply Voltage
B	BK	––	Ground
C	BN	––	Left Rear Park Lamps Supply Voltage
D	L-GN	––	Backup Lamp Supply Voltage

Connector:	4-Way M GT 150 Series, Sealed (BK)
O.E.M.:	15326820
Color:	**BLK**
Service:	15326820

Pin	Wire Color	Circuit No.	Function
A	YE	18	Left Rear Stop/Turn Lamp Supply Voltage
B	BK	1750	Ground
C	BN	2509	Left Rear Park Lamps Supply Voltage
D	L-GN	24	Backup Lamp Supply Voltage





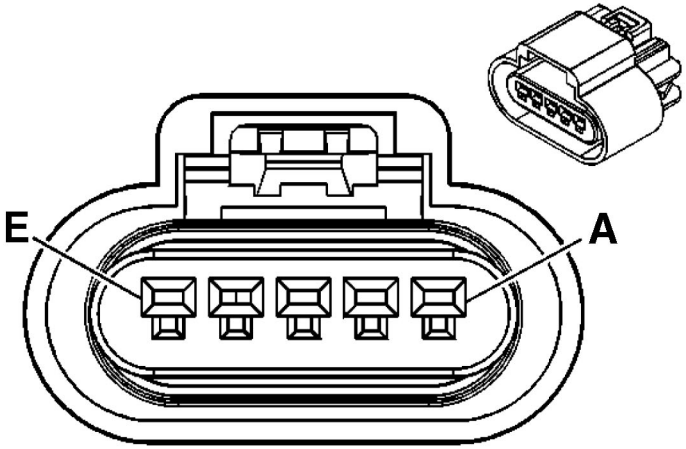
C411 Chassis Harness to Left Rear Lamp Harness (E52 Except Z75)

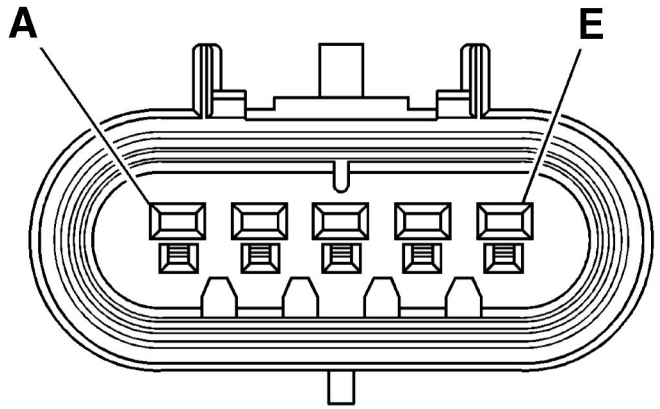
Connector: 5-Way F GT 150 Series, Sealed (BK)
O.E.M.: 15326822
Color: **BLK**
Service: 88987186

Pin	Wire Color	Circuit No.	Function
A	YE/BK	––	Left Rear Turn Signal Lamp Supply Voltage
B	L-BU	––	Stop Lamp Supply Voltage
C	BK	––	Ground
D	BN	––	Left Rear Park Lamps Supply Voltage
E	L-GN	––	Backup Lamp Supply Voltage

Connector: 5-Way M GT 150 Series, Sealed (BK)
O.E.M.: 15326827
Color: **BLK**
Service: 89046648

Pin	Wire Color	Circuit No.	Function
A	YE/BK	1334	Left Rear Turn Signal Lamp Supply Voltage
B	L-BU	20	Stop Lamp Supply Voltage
C	BK	1750	Ground
D	BN	2509	Left Rear Park Lamps Supply Voltage
E	L-GN	24	Backup Lamp Supply Voltage

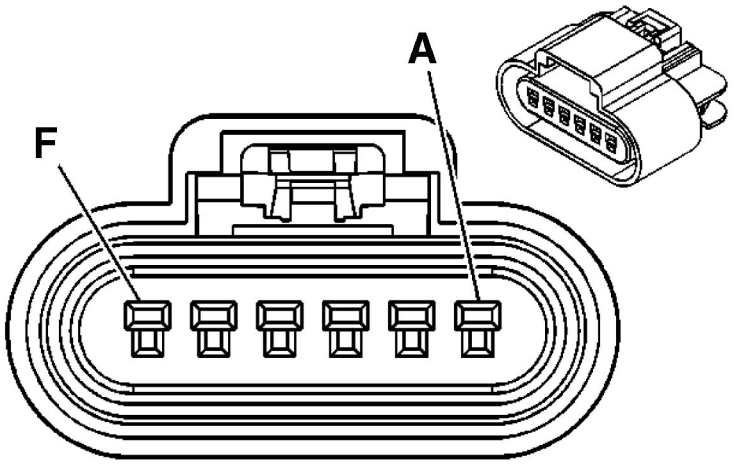




C411 Chassis Harness to Left Rear Lamp Harness (Z75)

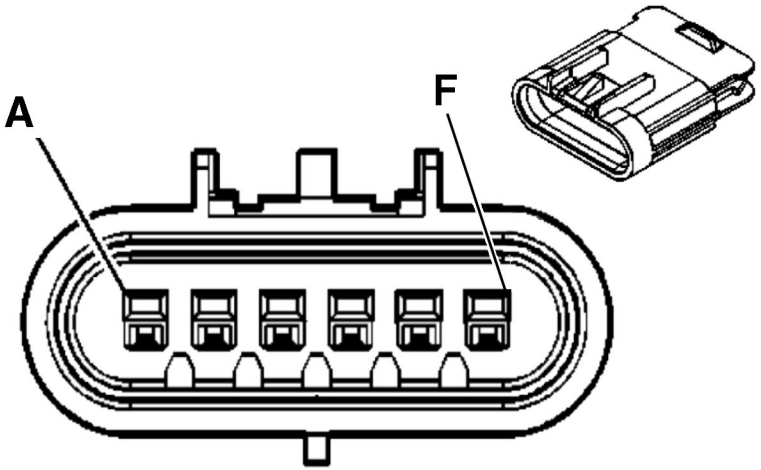
Connector: 6-Way F GT 150 Series, Sealed (BK)
O.E.M.: 15326829
Color: **BLK**
Service: 88953153

Pin	Wire Color	Circuit No.	Function
A	YE/BK	––	Left Rear Turn Signal Lamp Supply Voltage
B	YE	––	Left Rear Stop/Turn Lamp Supply Voltage
	L-BU	––	Stop Lamp Supply Voltage
C	BK	––	Ground
D	BN	––	Left Rear Park Lamps Supply Voltage
E	L-GN	––	Backup Lamp Supply Voltage
	OG	––	Rear Fog Lamp Supply Voltage
F	YE	––	Left Tail Lamp Outage Detection Signal



Connector: 6-Way M GT 150 Series, Sealed (BK)
O.E.M.: 15326833
Color: **BLK**
Service: 15326833

Pin	Wire Color	Circuit No.	Function
A	YE/BK	1334	Left Rear Turn Signal Lamp Supply Voltage
B	YE	18	Left Rear Stop/Turn Lamp Supply Voltage
	L-BU	20	Stop Lamp Supply Voltage
C	BK	1750	Ground
D	BN	2509	Left Rear Park Lamps Supply Voltage
E	L-GN	24	Backup Lamp Supply Voltage
	OG	122	Rear Fog Lamp Supply Voltage
F	YE	5356	Left Tail Lamp Outage Detection Signal



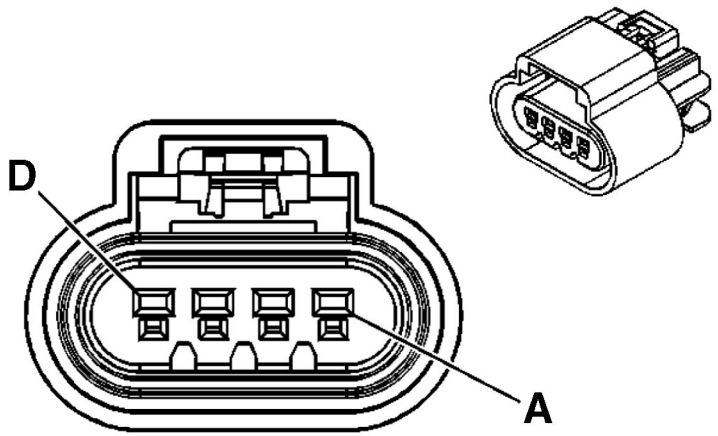
C412 Chassis Harness to Right Rear Lamp Harness (Except E52/Z75)

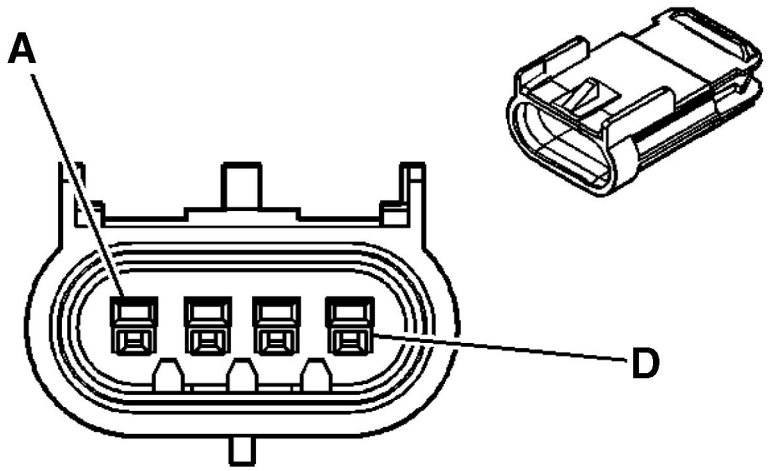
Connector:	4-Way F GT 150 Series, Sealed (BK)
O.E.M.:	15326815
Color:	**BLK**
Service:	15306396

Pin	Wire Color	Circuit No.	Function
A	D-GN	––	Right Rear Stop/Turn Lamp Supply Voltage
B	BK	––	Ground
C	BN	––	Right Rear Park Lamps Supply Voltage
D	L-GN	––	Backup Lamp Supply Voltage

Connector:	4-Way M GT 150 Series, Sealed (BK)
O.E.M.:	15326820
Color:	**BLK**
Service:	15326820

Pin	Wire Color	Circuit No.	Function
A	D-GN	19	Right Rear Stop/Turn Lamp Supply Voltage
B	BK	1750	Ground
C	BN	2609	Right Rear Park Lamps Supply Voltage
D	L-GN	24	Backup Lamp Supply Voltage

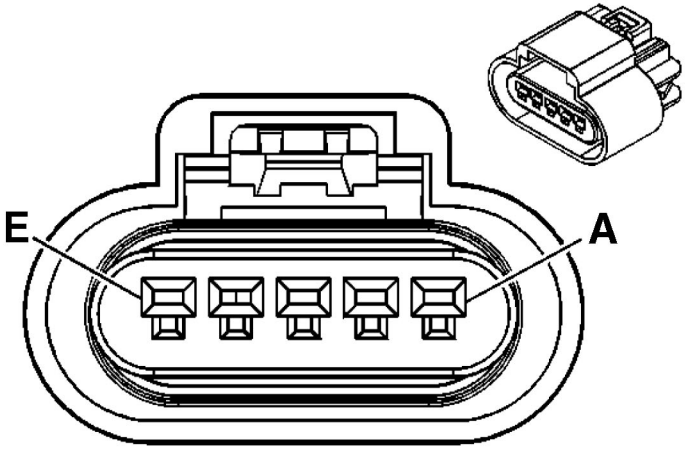




C412 Chassis Harness to Right Rear Lamp Harness (E52 Except Z75)

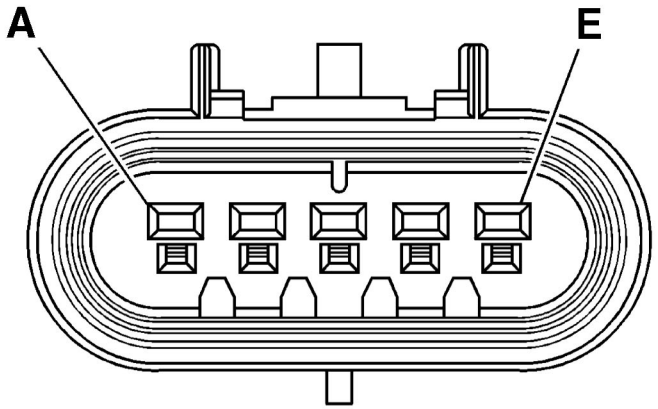
Connector: 5-Way F GT 150 Series, Sealed (BK)
O.E.M.: 15326822
Color: **BLK**
Service: 88987186

Pin	Wire Color	Circuit No.	Function
A	D-GN/WH	––	Right Rear Turn Signal Lamp Supply Voltage
B	L-BU/BK	––	Stop Lamp Supply Voltage
C	BK	––	Ground
D	BN	––	Right Rear Park Lamps Supply Voltage
E	L-GN	––	Backup Lamp Supply Voltage



Connector: 5-Way M GT 150 Series, Sealed (BK)
O.E.M.: 15326827
Color: **BLK**
Service: 89046648

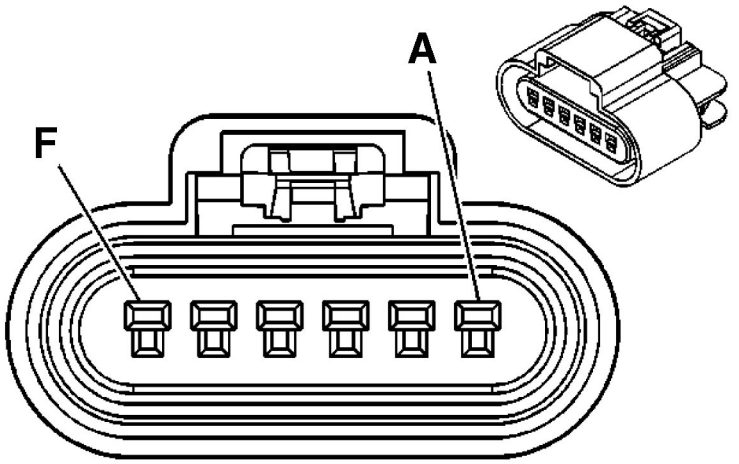
Pin	Wire Color	Circuit No.	Function
A	D-GN/WH	1335	Right Rear Turn Signal Lamp Supply Voltage
B	L-BU/BK	20	Stop Lamp Supply Voltage
C	BK	1750	Ground
D	BN	2609	Right Rear Park Lamps Supply Voltage
E	L-GN	24	Backup Lamp Supply Voltage



C412 Chassis Harness to Right Rear Lamp Harness (Z75)

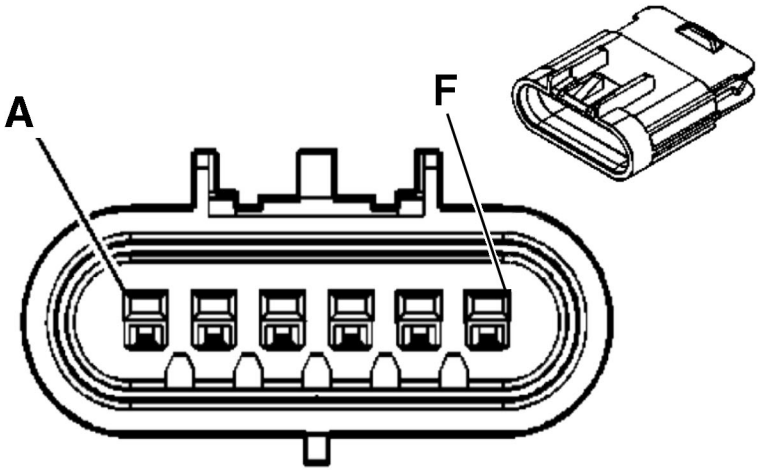
Connector: 6-Way F GT 150 Series, Sealed (BK)
O.E.M.: 15326829
Color: **BLK**
Service: 88953153

Pin	Wire Color	Circuit No.	Function
A	D-GN/WH	––	Right Rear Turn Signal Lamp Supply Voltage
B	D-GN	––	Right Rear Stop/Turn Lamp Supply Voltage
	L-BU/BK	––	Stop Lamp Supply Voltage
C	BK	––	Ground
D	BN	––	Right Rear Park Lamps Supply Voltage
E	L-GN	––	Backup Lamp Supply Voltage
F	PU	––	Right Tail Lamp Outage Detection Signal

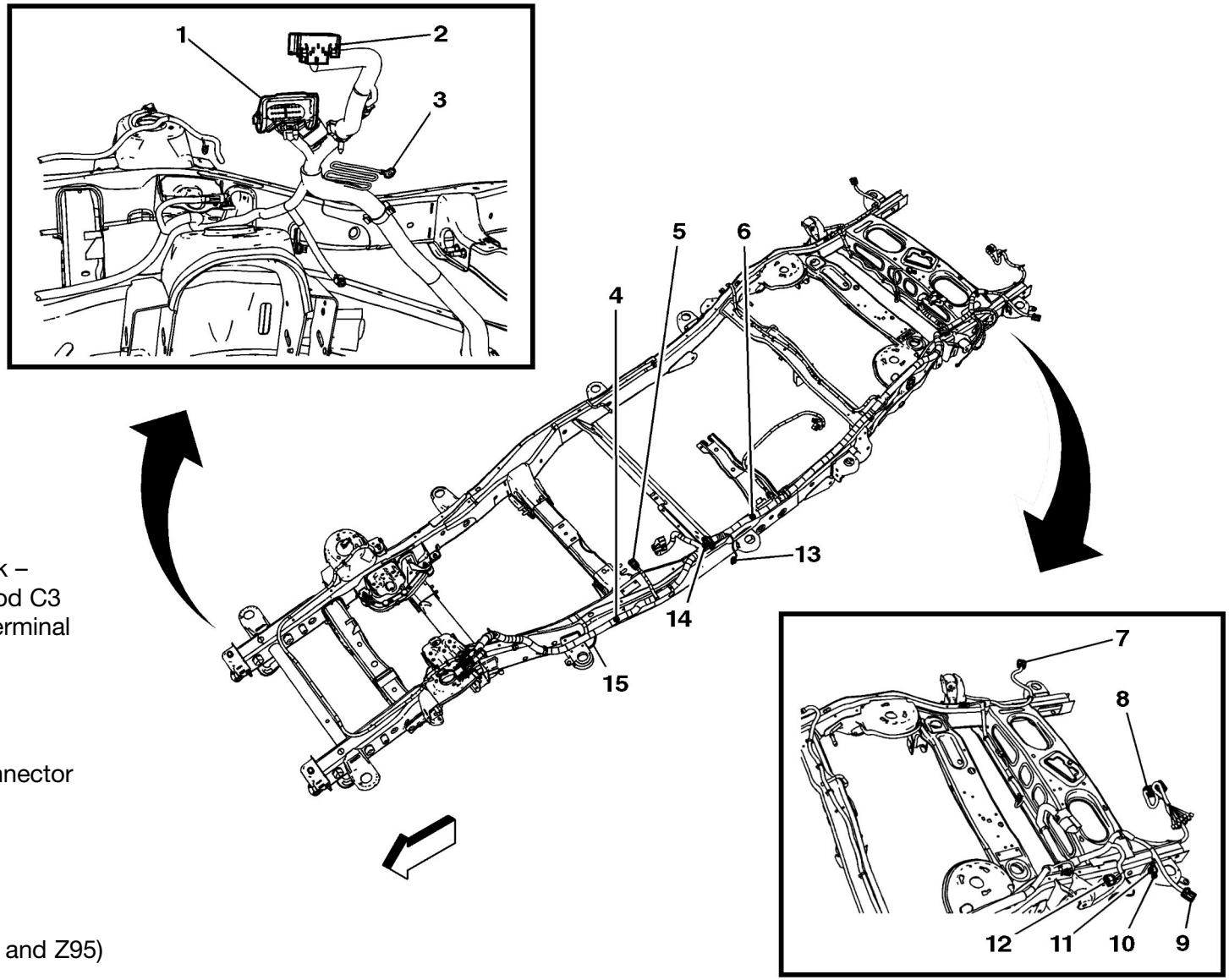


Connector: 6-Way M GT 150 Series, Sealed (BK)
O.E.M.: 15326833
Color: **BLK**
Service: 15326833

Pin	Wire Color	Circuit No.	Function
A	D-GN/WH	1335	Right Rear Turn Signal Lamp Supply Voltage
B	D-GN	19	Right Rear Stop/Turn Lamp Supply Voltage
	L-BU/BK	20	Stop Lamp Supply Voltage
C	BK	1750	Ground
D	BN	2609	Right Rear Park Lamps Supply Voltage
E	L-GN	24	Backup Lamp Supply Voltage
F	PU	5357	Right Tail Lamp Outage Detection Signal

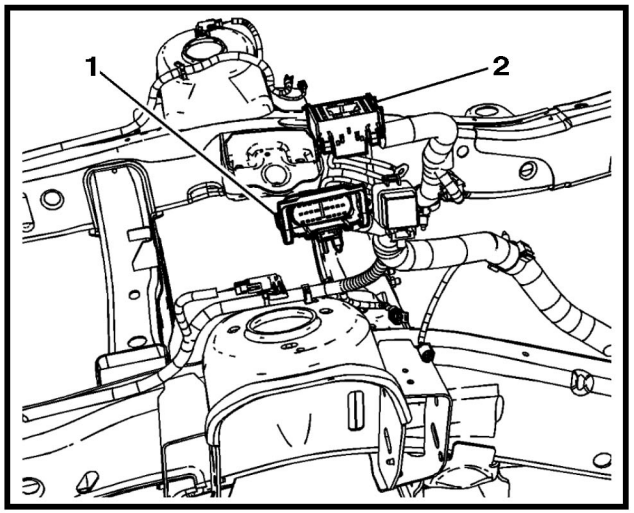


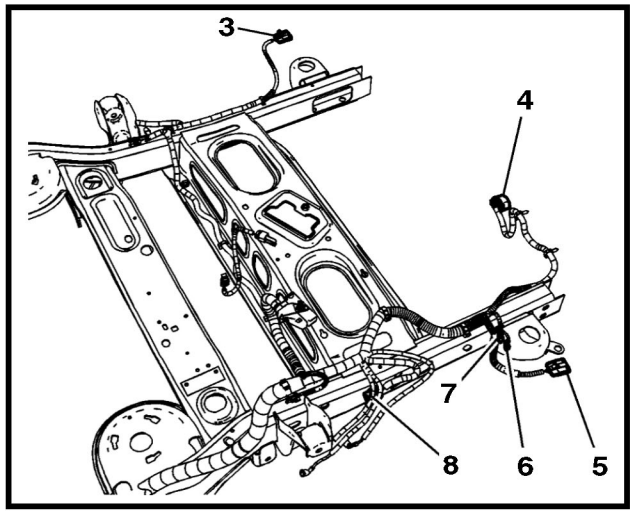
C411 and C412 Location – Short Wheel Base

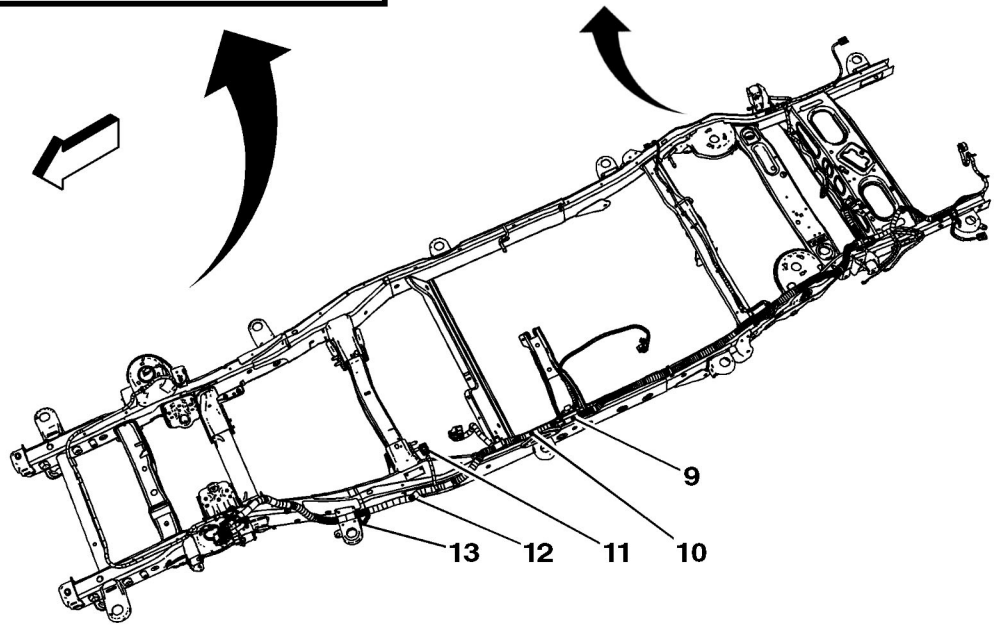


(1) C115
(2) Fuse Block – Underhood C3
(3) Stud #1 Terminal
(4) S300
(5) C300
(6) S331
(7) C412
(8) Trailer Connector
(9) C411
(10) G400
(11) G401
(12) C400
(13) G305
(14) S301 (Z55 and Z95)
(15) G300

C411 and C412 Location – Long Wheel Base

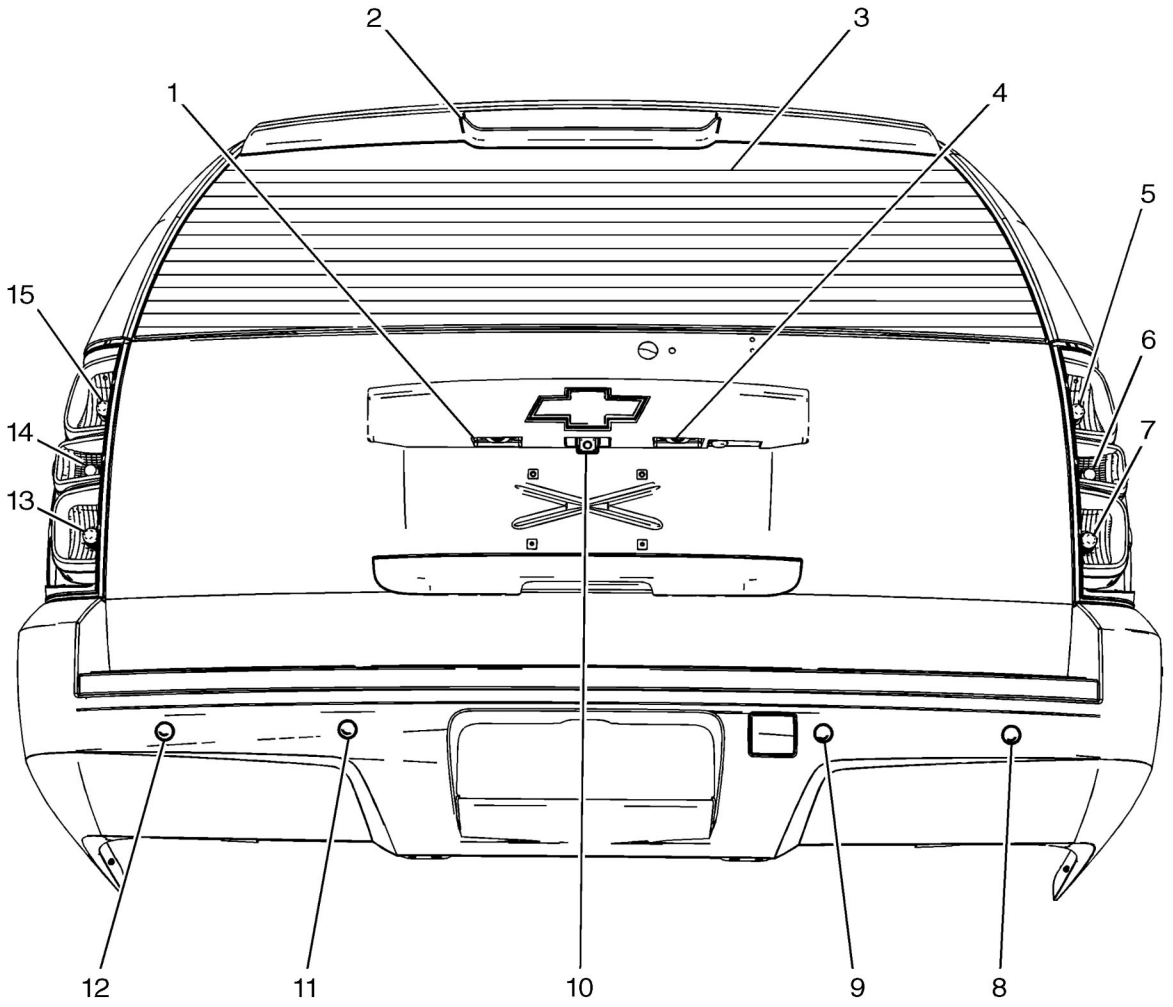






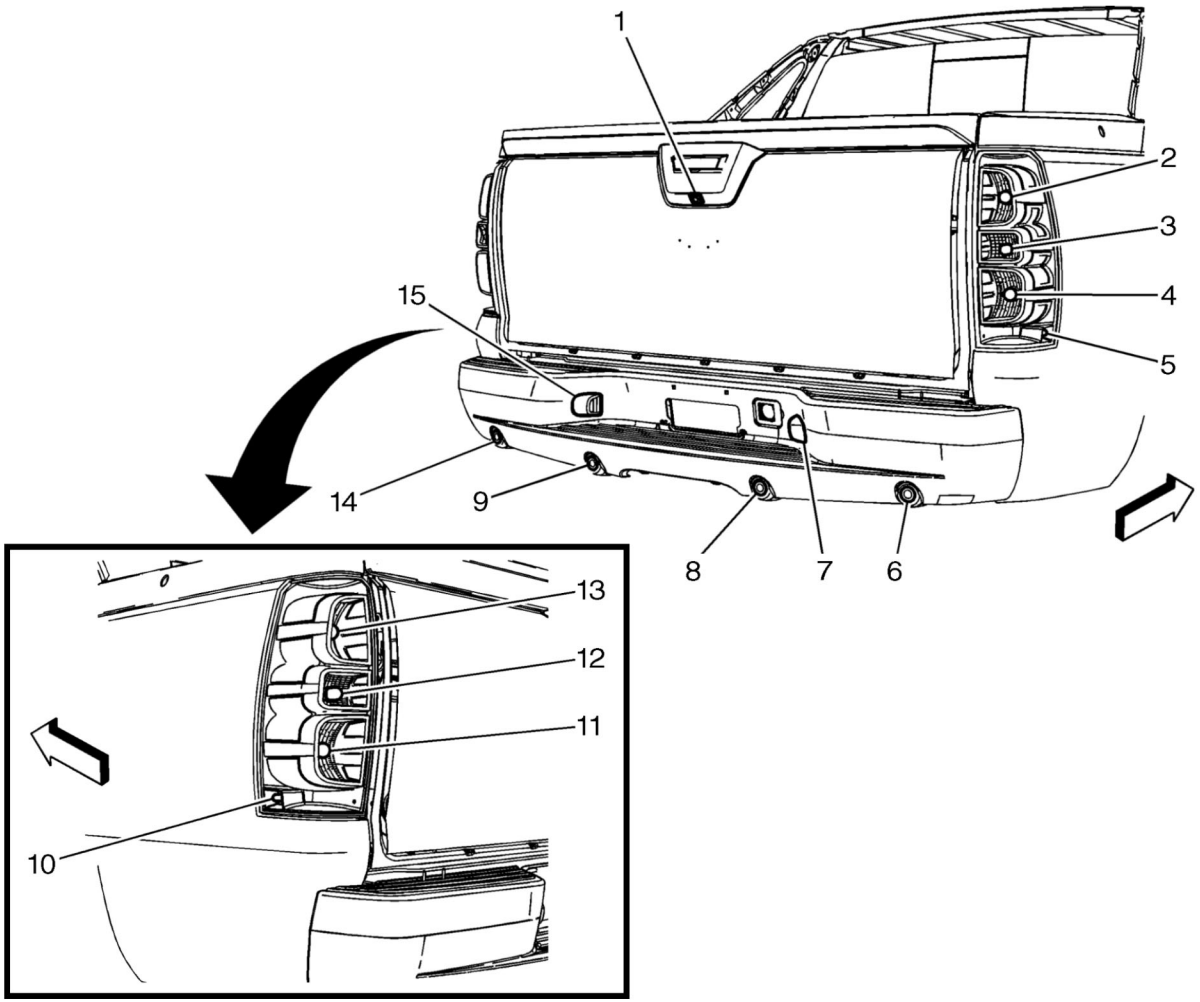
(1) C115
(2) Fuse Block – Underhood C3
(3) C412
(4) Trailer Connector
(5) C411
(6) G400
(7) G401
(8) C400 (Z55)
(9) S331
(10) S301 (Z55 and Z95)
(11) C300
(12) S300
(13) G300

Rear of the Vehicle (X88 w/E52)



(1) License Lamp – Left
(2) Center High Mounted Stop Lamp (CHMSL)
(3) Defogger Grid
(4) License Lamp – Right
(5) Tail/Stop Lamp – Right
(6) Backup Lamp – Right
(7) Tail/Turn Signal Lamp – Right
(8) Object Sensor – RR Corner
(9) Object Sensor – RR Middle
(10) Rearview Camera (UVC) (E52)
(11) Object Sensor – LR Middle
(12) Object Sensor – LR Corner
(13) Tail/Turn Signal Lamp – Left
(14) Backup Lamp – Left
(15) Tail/Stop Lamp – Left

Rear of the Vehicle (X88 Except E52)

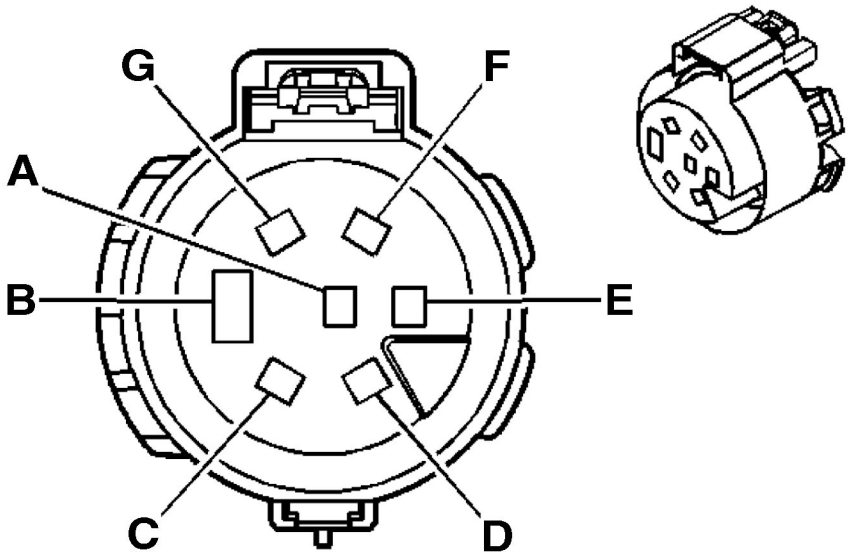


(1) Rearview Camera (UVC)
(2) Tail/Stop Lamp – Right
(3) Backup Lamp – Right
(4) Tail/Turn Signal Lamp – Right
(5) Marker Lamp – RR
(6) Object Sensor – RR Corner
(7) License Lamp – Right
(8) Object Sensor – RR Middle
(9) Object Sensor – LR Middle
(10) Marker Lamp – LR
(11) Tail/Turn Signal Lamp – Left
(12) Backup Lamp – Left
(13) Tail/Stop Lamp Left
(14) Object Sensor – LR Corner
(15) License Lamp – Left

Trailer Connector

Connector:	7-Way F Metri-Pack 280 630 Series, Sealed
OEM:	15354653
Color:	**BLK**
Service:	15306164
Pins: B	
Terminal/Tray:	12052456/3
Core/Insulation Crimp:	TBD
Release Tool/Test Probe:	TBD
Pins: A, D, F, G	
Terminal/Tray:	12110847/4
Core/Insulation Crimp:	C/5
Release Tool/Test Probe:	15315247/J-35616-4A (PU)
Pins: C, E	
Terminal/Tray:	12110845/4
Core/Insulation Crimp:	F/5
Release Tool/Test Probe:	15315247/J-35616-4A (PU)

Pin	Wire Color	Circuit No.	Function
A	L-GN	1624	Trailer Backup Lamp Supply Voltage
B	WH	22	Ground
C	D-BU	47	Trailer Auxiliary Supply Voltage
D	D-GN	1619	Trailer Right Rear Turn/Stop Lamp Supply Voltage
E	RD/BK	742	Battery Positive Voltage
F	BN	2109	Trailer Park Lamp Supply Voltage
G	YE	1618	Trailer Left Rear Turn/Stop Lamp Supply Voltage



2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

Preface: Electrical Schematic Index

THESE SCHEMATICS APPLY TO THE 2007 GMT900 UTILITIES ONLY

- **Preface**
  - Electrical Schematic Index
  - Support Information
  - Change Log
- **AWD/4WD**
  - Active 4wd
- **Brakes/Veh. Speed**
  - ABS-HD
  - Base - Foundation
  - Vehicle Stability Enhancement System
- **Charging**
  - Base - Gas
- **Closures/Mirrors**
  - Retractable Running Boards
  - Power Liftgate
  - OAT / Compass / Electrochromic
  - Power O/S Rear View Mirrors w/Mods
  - Sunroof - Base
- **Displays**
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  - DIC & IPC - Chevy/GMC
  - DIC & IPC - Cadillac
- **Engine Controls**
  - Gas - V8
- **Fan Controls**
  - Electric - Dual
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  - Fuel Systems
- **Ground Distribution**
  - Ground Distribution
- **Horns**
  - Horns
- **HVAC**
  - Automatic
  - Defog with Door Modules
  - Manual
- **Infotainment & Telematics**
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  - Audio
  - Navigation
  - OnStar
  - Rear Seat Audio
  - Rear Seat Entertainment
  - SDARS
  - Speakers - Base / Uplevel
  - Speakers - Premium (Non-Luxury)
  - Speakers - Premium (Luxury)
  - Speakers - Police Package
- **Lights - Exterior**
  - Back Up Lamps
  - Cargo Lamps
  - Emergency Lamp
  - Fog Lamps
  - Headlamps
  - Park Lamps
  - Police Lightning Provisions
  - Rear Lamps Asm
  - Stop/Turn
- **Lights - Interior**
  - Lights - Interior
- **Obstacle Detection**
  - Ultrasonic Park Assist - Rear
  - Rear Vision Camera
- **Positioning/Comfort**
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  - Electric Adjust Pedals w/Memory
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  - Power Driver Seat
  - Power Driver Seat w/Memory
  - Power Passenger Seat
  - Power Fold & Tumble 2nd Row Seats
  - Heated Steering Wheel
- **Protection**
  - SIR
- **Power Distribution**
  - Power Distribution
- **Power Moding/Serial Data**
  - Power Moding/Serial Data
- **Power - External**
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  - Cigar Lighter
  - Mobile Radio Provisions
  - Police Power
  - Trailer Brakes
  - Trailer Wiring
  - Export Trailer
  - Upfitter/SEO
- **Steering**
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- **Suspension Controls**
  - Damping-Automatic (10 Series)
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  - Leveling 2 Corner (10 Series)
- **Transmission Controls**
  - Trans Shift Interface
  - 4L60E/4L65E
  - 4L80E/4L80E-HD
  - 6L80/6L90
- **VASS**
  - Miscellaneous
  - 2 Door Modules
  - Remote Function Actuator – Tire Pressure Monitor
  - Theft (Drive Away)
  - Universal Garage Door Opener
- **Windows**
  - Express Down, 2 Door Modules
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  - Front Wipers
  - Rear Wipe/Washer
- **Appendix**
  - BCM
  - DDM
  - PDM
  - Module-Export
  - Switchbank-IP

- **Note: All "POA" & "PT" Harnesses shown are for Reference Only. Please see appropriate Component Drawings for Details.**

Preface: Electrical Schematic Index | REVISION | STAGE | VERSION | LAST CHANGED BY | 10:54:21 am | ORGANIZATION | USAGE

Preliminary 07 GMT900 1_07_0_index 013 SSF 1 GMT900 GM Proprietary

Panel Set: 1 of 1 schematic sheet1 3 $IVEDWORK/1_07_0_index__013 Friday, September 30, 2005

Preface: Support Information

•Acronyms

- 2WD = Two Wheel Drive
- 4WD = Four Wheel Drive
- A/D = Analog to Digital
- AIR = Air Injection Reaction
- ACCY = Accessory
- AMP = Amplifier or "Current"
- ANLG = Analog
- A/V = Audio/Video
- ABS = Antilock Brake System
- AOS = Auxiliary Occupant Sensing
- ASM = Assembly
- AUX = Auxiliary
- AWD = All Wheel Drive
- BASS = Brake Apply Sensing System
- BATT = Battery
- BCM = Body Control Module
- BEC = Bussed Electrical Center
- BOT = Bottom Of Travel
- CHMSL = Center High Mounted Stop Lamp
- CTSY = Courtesy
- DDM = Driver Door Module
- DIC = Driver Information Center
- DLC = Diagnostic Link Connector
- DLIS = Discrete Logic Ignition Switch
- DOD = Displacement On Demand
- DR = Door
- DRL = Daytime Running Lamps
- DVC = Dual Voice Coil
- DVD = Digital Versatile Disc
- E85 = Ethanol 85%
- EAP = Electric Adjustable Pedals
- ECC = Electronic Climate Control
- ECM = Engine Control Module
- EGR = Exhaust Gas Recirculation
- EHPS = Electro-Hydraulic Power Steering
- EK = Easy Key
- EOSS = Engine Output Speed Sensor
- ESD = Electro Static Discharge
- ETC = Electronic Throttle Control
- EV = Electro-Viscous
- EXP = Export
- EXT = External or Exterior
- FREQ = Frequency
- FRT = Front
- FTP = Flash To Pass
- GMHS = GM High Speed LAN
- GMLS = GM Low Speed LAN
- GND = Ground
- GPM = Glow Plug Module
- GPS = Global Positioning System
- HCM = Hybrid Control Module

•Acronyms (continued)

- HDI = High Discrete Input
- HDLP = Headlamp
- HID = High Intensity Discharge
- HSD = High Side Drive
- HVSM = Heated/Vented Seat Module
- HVAC = Heat Vent Air Condition
- IAH = Intake Air Heater
- IAT = Intake Air Temperature
- INC DIM = Incandescent Dimming
- IND DIM = Indicator Dimming
- IPC = Instrument Panel Cluster
- IR = Infrared
- ISRVM = Inside Rear View Mirror
- LBEC = Left BEC
- LDI = Low Discrete Input
- LF = Left Front
- LED = Light Emitting Diode
- LED DIM = LED Dimming
- LGM = Liftgate Module
- LH = Left Hand
- LIN = Linear Interconnect Network
- LOMA = Lifter Oil Manifold Assembly
- LPM = Linear Power Module
- LR = Left Rear
- LSD = Low Side Drive
- MAF = Mass Air Flow
- MAP = Manifold Absolute Pressure
- MAT = Manifold Air Temperature
- MBEC = Mid BEC
- MDD = Medium Duty Dual Side Clutch
- MDL = Module
- MOV = Metal Oxide Varistor
- MR = Magneto-Rheological
- MSM = Memory Seat Module
- MTR = Motor
- NC = Normally Closed
- NO = Normally Open
- OSRVM = Outside Rear View Mirror
- PAS or PASS = Passenger
- PCP = Pre-Charge Pump
- PDM = Passenger Door Module
- PD = Pull Down
- POA = Part Of Assembly
- PPM = Pulse Per Minute
- PPS = Pedal Position Sensor
- PRNDL = Park Reverse Neutral Drive Low
- PSIR = Passenger SIR
- PTC = Positive Temperature Coefficient
- PTO = Power Take Off
- PTR = Powertrain Relay
- PU = Pull Up

•Acronyms (continued)

- PWM = Pulse Width Modulation
- PWR = Power
- R/C = Run/Crank
- RAP = Retained Accessory Power
- RF = Right Front
- RFA = Remote Function Actuator
- RH = Right Hand
- RHBLK = Right Hand Block (Bussing)
- RPO = Regular Product Option
- RR = Right Rear
- RRBLK = Rear Block (Bussing)
- RSA = Rear Seat Audio
- RSE = Rear Seat Entertainment
- RTD = Real Time Damping
- RVC = Regulated Voltage Control
- RWS = Rear Wheel Steer
- SBAT = Switched Battery
- SDARS = Satellite Digital Audio Radio Services
- SDM = Sensing & Diagnostic Module
- SENS = Sensor or Sensing
- SEO = Special Equipment Option
- SIR = Supplemental Inflatable Restraint
- SNRF = Sunroof
- SRC = Source
- STRG = Steering
- SW = Switch
- SWC = Steering Wheel Controls
- TCM = Transmission Control Module
- TISS = Transmission Input Speed Sensor
- TOSS = Transmission Output Speed Sensor
- TOT = Top Of Travel
- TPS = Throttle Position Sensor
- TRLR = Trailer
- TURSS = Turbine Speed Sensor
- TUTD = Tap Up Tap Down
- UBEC = Underhood BEC
- UGDO = Universal Garage Door Opener
- UPA = Ultrasonic Park Assist
- VAR = Variable
- VASS = Vehicle Access & Starting Security
- VHSS = Variable Height Suspension System
- VNC = Vehicle Noise Control
- VSES = Vehicle Stability Enhancement System
- WFHS = Washer Fluid Heating System
- WIF = Water In Fuel
- WUA = Wake Up Analog
- WUD = Wake Up Dual Edge
- WUF = Wake Up Falling Edge
- WUR = Wake Up Rising Edge
- XCVR = Transciever

Preface: Support Information
REVISION STAGE VERSION LAST CHANGED BY 11:43:47 am ORGANIZATION USAGE
Preliminary 07 GMT900 1_07_0_info 013 SSF 1 GMT900
Panel Set: 1 of 4 schematic sheet1 5 $IVEDWORK/1_07_0_info__013 Thursday, December 22, 2005
GM Proprietary

Preface: Support Information

•Miscellaneous Information

- C = 2WD
- K = 4WD
- 03 = Regular Cab Pickup
- 43 = Crew Cab Pickup
- 53 = Extended Cab Pickup
- 06 = Utility (Both 706 & 906)
- 706 = Regular Utility
- 906 = Large Utility
- 36 = Ultimate Utility Vehicle (UUV)
- 10 = Series (Pickup/Utility/UUV)
- 20 = Series (Pickup/Utility/UUV)
- 30 = Series (Pickup)
- 31 = Series (Cab Chassis)

•900 Numbers

- 901 - Light Duty Pickups - Chevy Silverado
- 902 - Light Duty Pickups - GMC Sierra, (GMC Sierra Denali?)
- 911 - Heavy Duty Pickups - Chevy Silverado
- 912 - Heavy Duty Pickups - GMC Sierra, (GMC Sierra Denali?)
- 921 - Utility - Chevrolet Tahoe
- 922 - Utility - GMC Yukon, (GMC Yukon Denali?)
- 926 - Utility - Cadillac Escalade
- 931 - Large Utility - Chevrolet Suburban
- 932 - Large Utility - GMC Yukon XL, (GMC Yukon Denali XL?)
- 936 - Large Utility - Cadillac Escalade ESV
- 941 - Sport Utility Truck - Chevrolet Avalanche
- 946 - Sport Utility Truck - Cadillac Escalade EXT

•Vehicles by RPO

- 03/43/53 = Chevrolet Silverado / GMC Sierra / GMC Sierra Denali
- 03/43/53&X88 = Chevrolet Silverado
- 03/43/53&Z88 = GMC Sierra / GMC Sierra Denali (43 Only)
- 06 = Cadillac Escalade / Cadillac Escalade ESV / Chevrolet Tahoe / Chevrolet Suburban / GMC Yukon / GMC Yukon Denali / GMC Yukon XL / GMC Yukon Denali XL
- 06&X88 = Chevrolet Tahoe / Chevrolet Suburban
- 06&Z75 = Cadillac Escalade / Cadillac Escalade ESV
- 06&Z88 = GMC Yukon / GMC Yukon Denali / GMC Yukon XL / GMC Yukon Denali XL
- 06&Z88&Y91 = GMC Yukon Denali / GMC Yukon Denali XL
- 36 = Chevrolet Avalance / Cadillac Escalade EXT
- 36&X88 = Chevrolet Avalance
- 36&Y91/Z75 = Cadillac Escalade EXT
- 43&Y91 = GMC Sierra Denali
- 43&Y91&Z88 = GMC Sierra Denali
- 706 = Cadillac Escalade / Chevrolet Tahoe / GMC Yukon / GMC Yukon Denali
- 706&X88 = Chevrolet Tahoe
- 706&Y91 = Cadillac Escalade / GMC Yukon Denali
- 706&Y91&Z88 = GMC Yukon Denali
- 706&Z75 = Cadillac Escalade
- 706&Z88 = GMC Yukon / GMC Yukon Denali
- 906 = Cadillac Escalade ESV / Chevrolet Suburban / GMC Yukon XL / GMC Yukon Denali XL
- 906&X88 = Chevrolet Suburban
- 906&Y91 = Cadillac Escalade ESV / GMC Yukon Denali XL
- 906&Y91&Z88 = GMC Yukon Denali XL
- 906&Z75 = Cadillac Escalade ESV
- 906&Z88 = GMC Yukon XL / GMC Yukon Denali XL)

Preface: Support Information

•RPOs

- 03 = Regular Cab Pickup
- 06 = Utility (Applicable to both 706 & 906)
- 36 = Ultimate Utility Vehicle (UUV)
- 43 = Crew Cab Pickup
- 53 = Extended Cab Pickup
- 706 = Regular Utility
- 906 = Large Utility
- 5W4 = Special Service Package (4WD Police Package)
- (5W4 contains 6J1, 6J3, 6J4, 6J7, 7X6, 7X7, 9G8, TRW, WX7 & optionally 8Y9)
- 5X7 = Provisions - Wrecker Emergency Lamp (SEO)
- 5Y0 = Wiring Provisions Body Builder Emergency Lamp (SEO)
- 6J1 = Power Supply, 100Amp at Dash and Rear Compartment
- 6J3 = Wiring Provisions, Grill Lamp & Speakers
- 6J4 = Wiring Provision, Horn/Siren
- 6J7 = Wiring Provision, Head Lamp & Tail Lamp Flasher
- 7X6 = Spot Lamp, LH
- 7X7 = Spot Lamp, LH & RH
- 7Z1 = Horn - Dual Hight Note (SEO)
- 8B0 = Dual Battery, 600 CCA & 770 CCA (SEO)
- 8S3 = Alarm B/U Electrical 97 Decibels (SEO)
- 8S8 = Wiring Provisions Odometer Security (SEO) {Unused?}
- 8X5 = Generator 105 Amp, Dual (SEO) (w/o YF2)
- 8Y9 - Dual Battery, 770 CCA
- 9G8 = DRL Delete
- 9L4 = Wiring Provisions 12V Power Supply
- A31 = Window, Electric Operated, Side
- A48 = Window RR Full Width, Sliding, Power
- ABV = Window Power Operated, RR Side Access Drs
- AG1 = Driver Power Seat
- AG2 = Passenger Power Seat
- AL0 = Auxiliary Occupant Sensing (AOS)
- AN3 = Memory Driver Seat & Passenger Seats
- AP3 = Lock Control, Entry Remote, Keyless Entry, Start
- AP8 = Lock Control, Entry Remote Entry, Extended Range (Remote Start Ready)
- ARS = Power Fold & Tumble 2nd Row Seats
- AS3 (with ASF) = Third Row Roof Rail Airbags
- ASF = Restraint Roof Side, LH & RH, Inflatable
- AU0 = Lock Control Remote Entry
- AU3-YE9 = Base Power Locks
- AZ3 = 40/20/40 Split Front Seat (with APO)
- BRS = Steps, Runningboard Side, Retractable, Power
- C25 = Wiper/Washer System, Rear Window
- C36 = Heater Auxiliary
- C42 = Manual Heater Only
- C49 = Rear Window Defog
- C67 = HVAC System Air Conditioning FRT Electronic Controls
- C69 = HVAC System RR Air Conditioner
- C99 = Switch Infl Rst I/P Mdl Man Suppression
- CE1 = Wiper System Windshield, Pulse, Moisture Sensitive

•RPOs (continued)

- CF5 = Roof Sun, Glass, Sliding, Elec
- CJ2 = Dual HVAC System Auto Temp Cont
- CJ3 = Dual HVAC System Man Temp Cont
- D07 = Console Frt Compt, Floor, Custom
- DBL2751 = 2751 Double Ring Terminal
- DF5 = Mirror I/S R/V Electrochromic, Compass, O/S Temp Display
- DH6 = Mirror I/S, Visor Vanity, LH & RH Sunshade (ILLUM)
- DL3 = Mirror O/S LH & RH, Rem Cont, Elec, Heat, Pwr Fold, Turn Sig, Electrochromic
- DL8 = Mirror O/S LH & RH, Rem Cont, Elec, Heated, Manual Fold
- DNU = Equipment, Additional DVD Screen
- DPN = Mirror O/S LH & RH, Rem Cont, Elec, Heat, Turn Sig, Puddle
- DR4 = OSRVM, Electric, Heated, Light Sensitive, Power Folding, Turn Signal (Export?)
- E52 = One Piece Lift Gate With Lift Glass
- E61 = Door RR Liftgate, Power
- EVA = Evap Emission
- EXPORT = European Export Content (awaiting RPO)
- G69 = Level Control Auto, Air, HD
- HVY = Heavy Duty Models (20HD, 30, 31)
- (-HVY) = Light Duty Models (10, 20LD)
- JF3 = Brake System, Vacuum, ABS Controls, 7,000 Lbs
- JF4 = Pedals Adjustable, Power
- JF7 = Brake System, Vacuum, ABS Controls, 6,400 Lbs
- JH6 = Brake Hyd Power, 4 Whl Disc, 9,900 Lbs
- JH7 = Brake Hyd Power, 4 Whl Disc, 12,300 Lbs
- JL4 = Control Active Brake (VSES)
- K18 = Reactor System Air Injection, Electric
- K34 = Cruise Control, Electric
- K65 = Generators 105 Amp, Dual,
- KA6 = Heater Seat, Rear
- KA9 = Heater Steering Wheel
- KB6 = Heater Seat, Cooling, Frt
- L76 = 6.0L V8 Gasoline Engine (Aluminum - DOD)
- L92 = 6.0L V8 Gasoline Engine (Aluminum - DOD)
- LC9 = 5.3L V8 E85 Engine (Aluminum - DOD)
- LH6 = 5.3L V8 Gasoline Engine (Aluminum - DOD)
- LML = 6.6L V8 Diesel Engine, Duramax (Iron - Turbo)
- LMF = 5.3L V8 E85 Engine (Iron)
- LMG = 5.3L V8 Gasoline E85 Engine (Iron - DOD)
- LMM = 6.6L V8 Diesel Engine, Duramax (Iron - Dual Turbo)
- LU3 = 4.3L V6 Gasoline Engine (Iron)
- LY2 = 4.8L V8 Gasoline Engine (Iron)
- LY5 = 5.3L V8 Gasoline Engine (Iron - DOD)
- LY6 = 6.0L V8 Gasoline Engine (Iron)
- M30 = Transmission Auto 4 Speed, HMD, 4L60E, Electronic
- M70 = Transmission Auto 4 Spd, HMD, 4L70-E, Super Duty
- M96 = Transmission Manual 5 Speed, O/D
- MW7 = Transmission Auto 5 Speed, Allison LCT, O/D, Conv Clutch
- MYC = Transmission Auto 6 Speed, HMD, 6L80
- MYD = Transmission Auto 6 Speed, HMD, 6L90

Preface: Support Information
REVISION STAGE VERSION LAST CHANGED BY 11:43:47 am ORGANIZATION USAGE
Preliminary 07 GMT900 1_07_0_info 013 SSF 1 GMT900
Panel Set: 3 of 4 schematic sheet1 5 $IVEDWORK/1_07_0_info__013 Thursday, December 22, 2005
GM Proprietary

Preface: Support Information

- **RPOs (continued)**
  - (-NQZ) = Dual Fuel Tanks {NQZ = 18 Gal Fuel Tank Delete}
  - NQF = Transfer Case Electric Shift Cont, Two Speed, Alum
  - NQG = Transfer Case Manual Shift Cont, Two Speed, Alum
  - NQH = Transfer Case Active, Two Speed, Push Button Control, Alum
  - PPV = Police Package (2WD)
  - (PPV contains 6J1, 6J3, 6J4, 6J7, 7X6, 7X7, 9G8, TRW, WX7, VSES Delete & optionally 8Y9)
  - PTO = Provisions Power Take Off Controls
  - R05 = Dual Rear Wheels
  - SERIES10 = 10 Series (Pickup/Utility/UUV)
  - SERIES20 = 20 Series (Pickup/Utility/UUV)
  - SERIES30 = 30 Series (Pickup)
  - SERIES31 = 31 Series (Cab Chassis)
  - SPLSVRLS = Low Speed GMLAN Splice Saver
  - T61 = Daytime Running Lamps
  - T79 = Lamp Fog, Rr
  - T96 = Lamp Fog, Frt
  - TP2 = Auxiliary Battery
  - TQ5 = Control Intelligent High Beam
  - TR2 = Lamp Side Repeater (Export)
  - TRW = Provisions - Roof Mount Emergency Lamp
  - TZ0 = Transmission Manual 5 Speed, O/D
  - U01 = Lamp Five, Roof Marker, Truck
  - U2K = Digital Audio System S-Band (SDARS)
  - U3R = Radio AM/FM Stereo, WX, Seek/Scan, CD, DVD, Nav, Clock, DSP, RDS, w/Voice Rec Micro (Cadillac)
  - U3U = Radio AM/FM Stereo, Seek/Scan, DVD, CD, Clock ETR, Navigation, Voice Rec, MP3 (Chevy/GMC)
  - U42 = Entertainment System Rear Seat (DVD)
  - U84 = Antenna Body Side Window, Radio
  - UA6 = Theft Deterrent System (Export)
  - UD7 = Sensor Indicator Rear Parking Assist (Ultrasonic)
  - UE1 = OnStar Remote
  - UG1 = Opener Garage Door, Universal
  - UJ6 = Indicator Low Tire Press
  - UK3 = Electronic System Steering Wheel Accessory Controls
  - UK6 = Radio Control Rear Seat & Earphone Jacks (Only Available with UQA/UQS)
  - UL5 = Radio Delete
  - UQ3 = Uplevel Speaker Package
  - UQ5 = Base Speaker Package
  - UQA-Y91 = Premium Non-Luxury Speaker System (6-Channel Bose)
  - UQA&Y91 = Premium Luxury Speaker System (9-Channel Bose)
  - UQS = Premium Luxury Speaker System (9-Channel Bose with Surround)
  - UVB = Radio AM/FM Stereo, Seek/Scan, Auto Tone, CD, CD-R MP3, DVD, Nav, Clock, ETR, RDS (Chevy/GMC Non-Luxury)
  - UVC = Camera Rear View
  - UY2 = Wiring Provisions Camper & 5th Wheel Trailer
  - UY7 = Wiring Harness Truck Trailer, HD
  - VYU = Provisions Snow Plow
  - WX7 = Speaker Wiring Provision

- **RPOs (continued)**
  - X88 = Chevrolet
  - XA7 = Washer Nozzles, Heated, Windshield (WFHS)
  - Y91 = Luxury Trim (Includes YE9)
  - YE9 = Uplevel Trim
  - (-YE9) = Base Trim
  - YF2 = Sales Package Ambulance Upfitter (Generators, Lighting)
  - Z49 = Export Canadian Modif Mandatory Base Equipment
  - Z55 = Chassis Package Bi-State Real Time Damping
  - Z75 = Cadillac
  - Z82 = Trailer Provisions Special Equipment, H.D.
  - Z88 = GMC

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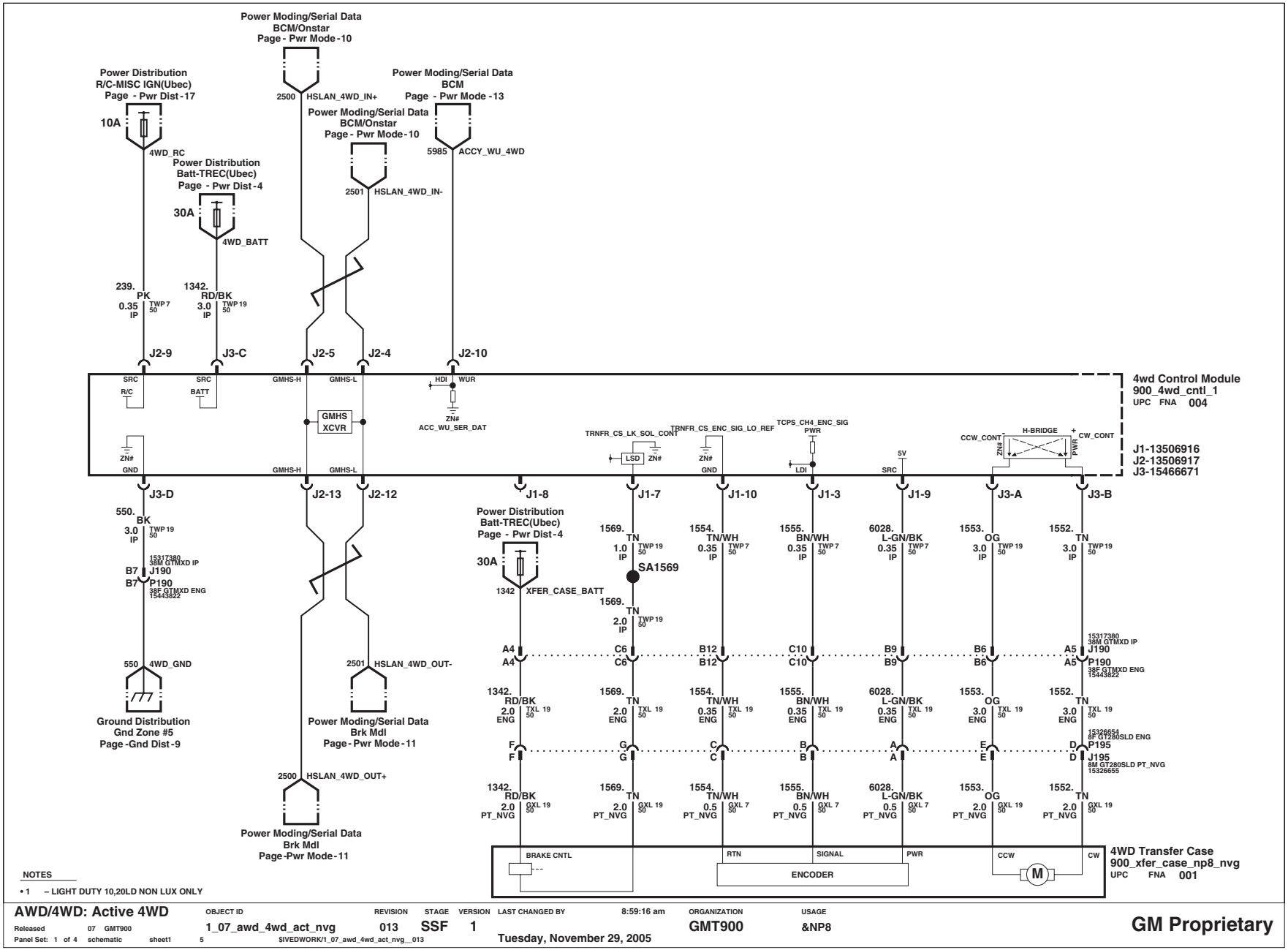
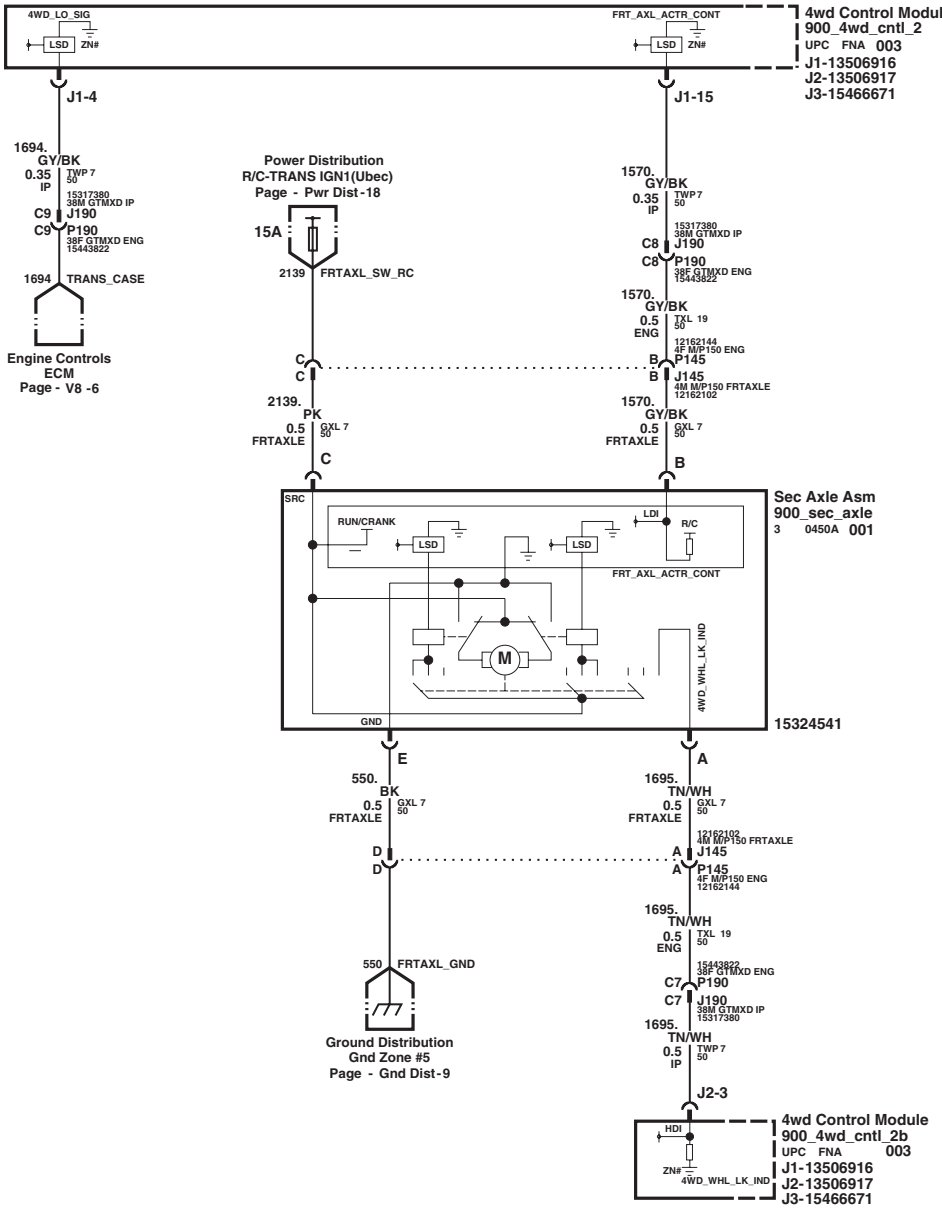
AWD/4WD: Active 4WD



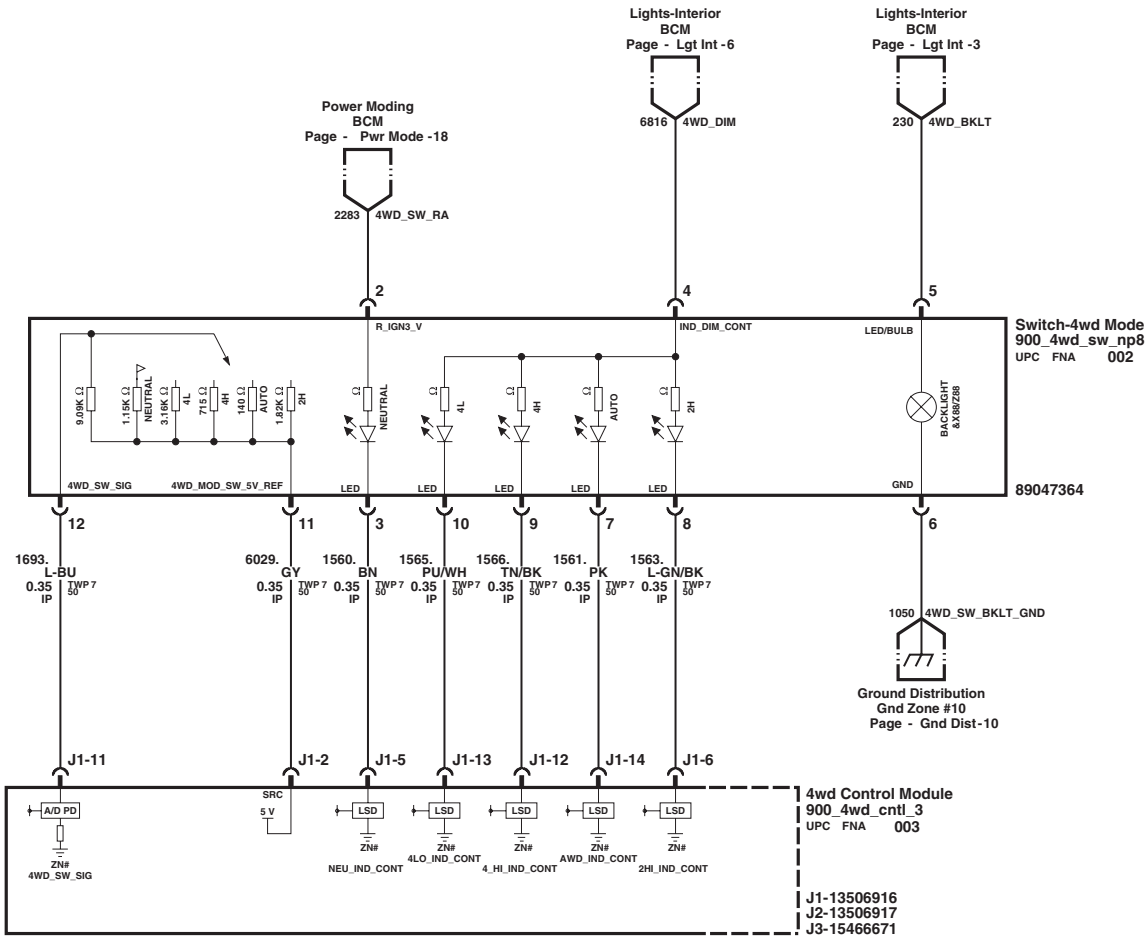
AWD/4WD: Active 4WD



AWD/4WD: Active 4WD	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Released 07 GMT900	1_07_awd_4wd_act_nvg	013	SSF	1		8:59:16 am	GMT900	&NP8
Panel Set: 2 of 4 schematic sheet1 5	$IVEDWORK/1_07_awd_4wd_act_nvg__013				Tuesday, November 29, 2005		Panel Set: 2	

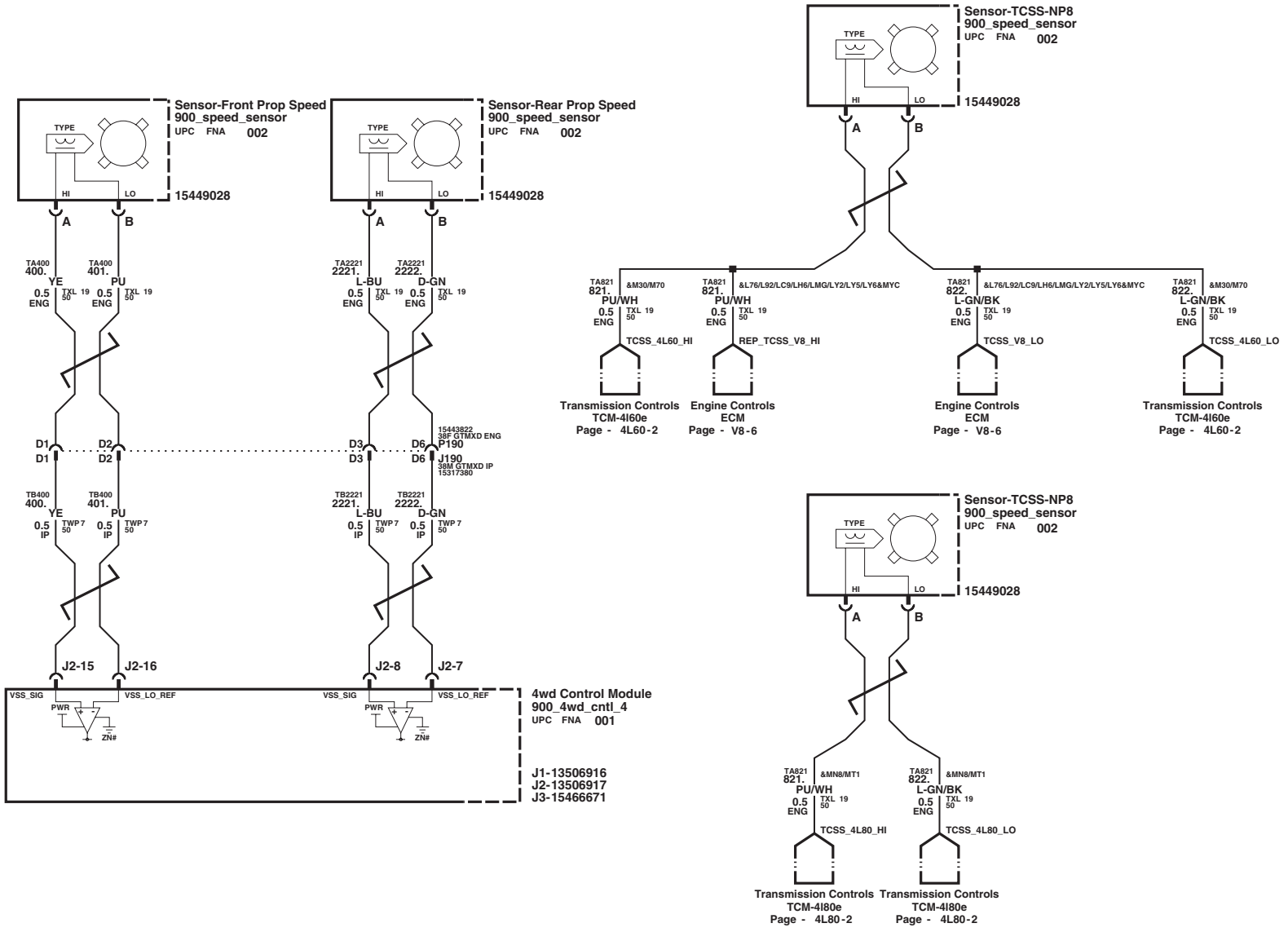
GM Proprietary

AWD/4WD: Active 4WD



AWD/4WD: Active 4WD	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	8:59:16 am	ORGANIZATION	USAGE	**GM Proprietary**
Released 07 GMT900	1_07_awd_4wd_act_nvg	013	SSF	1			GMT900	&NP8	
Panel Set: 3 of 4 schematic sheet1 5	$IVEDWORK/1_07_awd_4wd_act_nvg__013				Tuesday, November 29, 2005		Panel Set: 3		

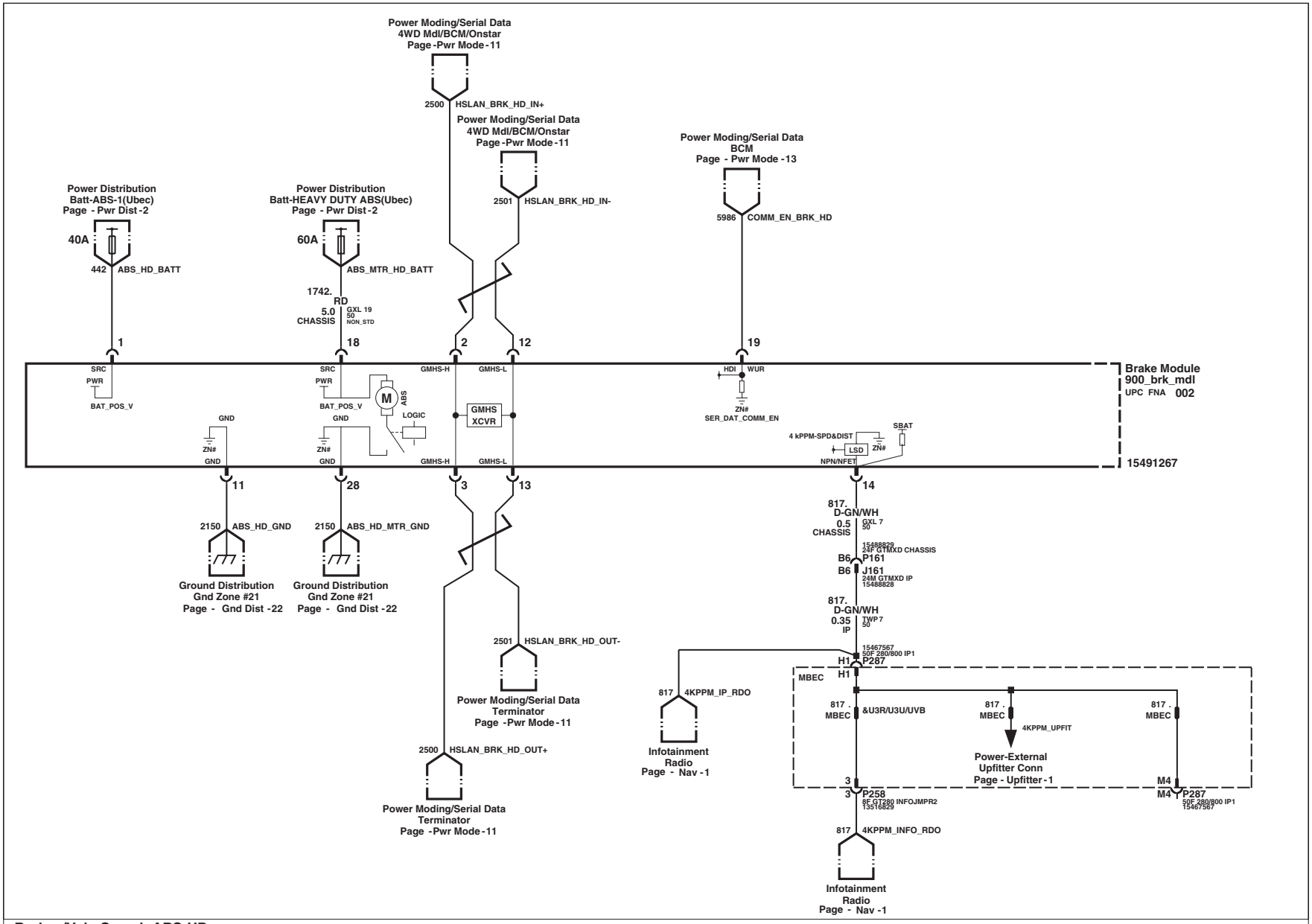
AWD/4WD: Active 4WD


Sensor-Front Prop Speed
900_speed_sensor
UPC FNA 002
15449028
Sensor-Rear Prop Speed
900_speed_sensor
UPC FNA 002
15449028
Sensor-TCSS-NP8
900_speed_sensor
UPC FNA 002
15449028
Sensor-TCSS-NP8
900_speed_sensor
UPC FNA 002
15449028
TYPE
HI
LO
A
B
TA400 400. YE 0.5 ENG TXL 19 50
TA400 401. PU 0.5 ENG TXL 19 50
TA2221 2221. L-BU 0.5 ENG TXL 19 50
TA2221 2222. D-GN 0.5 ENG TXL 19 50
TA821 821. &M30/M70 PU/WH 0.5 ENG TXL 19 50 TCSS_4L60_HI
TA821 821. &L76/L92/LC9/LH6/LMG/LY2/LY5/LY6&MYC PU/WH 0.5 ENG TXL 19 50 REP_TCSS_V8_HI
TA821 822. &L76/L92/LC9/LH6/LMG/LY2/LY5/LY6&MYC L-GN/BK 0.5 ENG TXL 19 50 TCSS_V8_LO
TA821 822. &M30/M70 L-GN/BK 0.5 ENG TXL 19 50 TCSS_4L60_LO
TA821 821. &MN8/MT1 PU/WH 0.5 ENG TXL 19 50 TCSS_4L80_HI
TA821 822. &MN8/MT1 L-GN/BK 0.5 ENG TXL 19 50 TCSS_4L80_LO
Transmission Controls TCM-4l60e Page - 4L60-2
Engine Controls ECM Page - V8-6
Engine Controls ECM Page - V8-6
Transmission Controls TCM-4l60e Page - 4L60-2
Transmission Controls TCM-4l80e Page - 4L80-2
Transmission Controls TCM-4l80e Page - 4L80-2
D1 D2 D3 D6
15443822 38F GTMXD ENG P190
J190 38M GTMXD IP 15317380
TB400 400. YE 0.5 IP TWP 7 50
TB400 401. PU 0.5 IP TWP 7 50
TB2221 2221. L-BU 0.5 IP TWP 7 50
TB2221 2222. D-GN 0.5 IP TWP 7 50
J2-15 J2-16 J2-8 J2-7
VSS_SIG VSS_LO_REF
PWR
ZN#
4wd Control Module
900_4wd_cntl_4
UPC FNA 001
J1-13506916
J2-13506917
J3-15466671

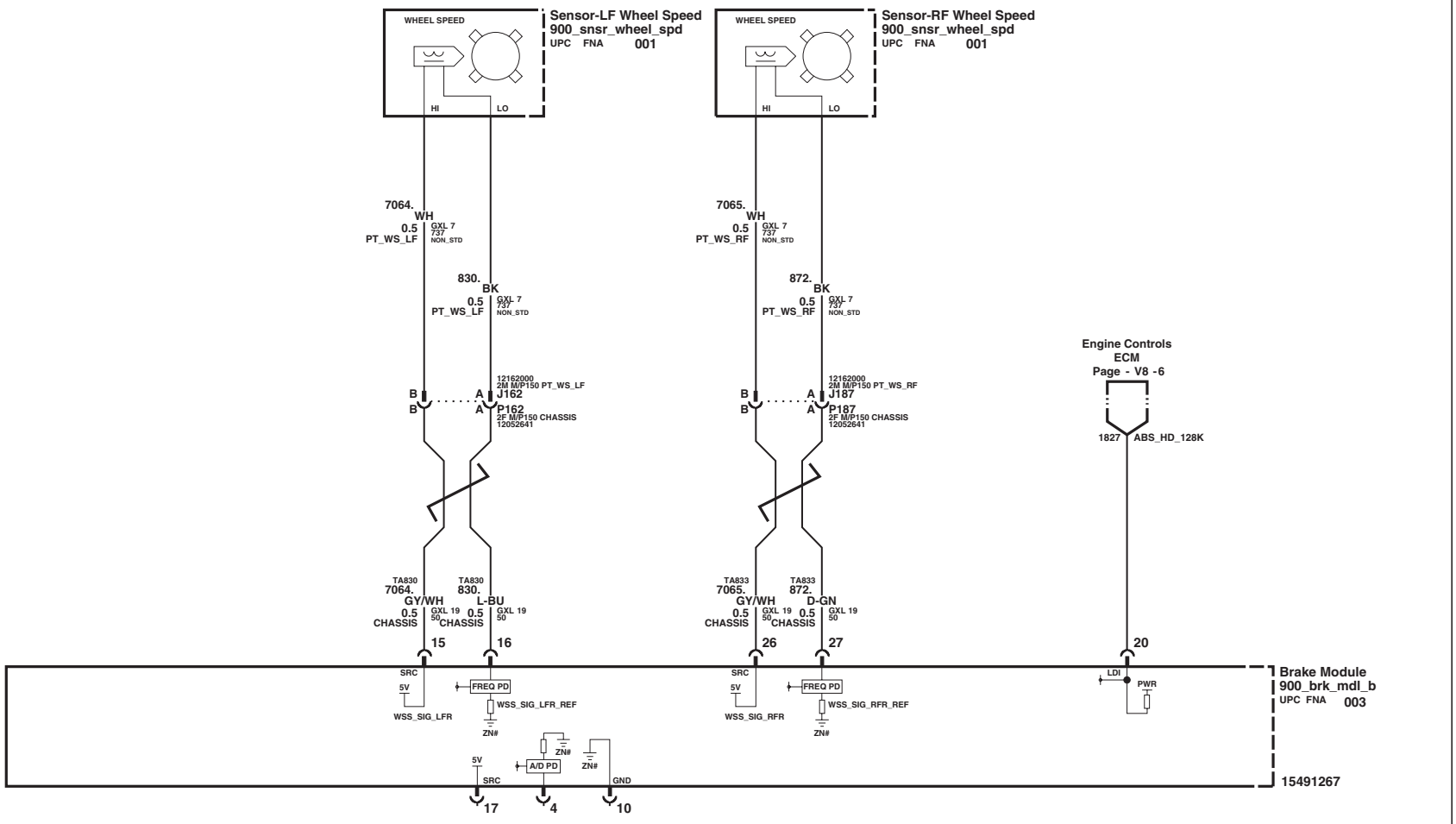
AWD/4WD: Active 4WD	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Released 07 GMT900	1_07_awd_4wd_act_nvg	013	SSF	1		8:59:16 am	GMT900	&NP8
Panel Set: 4 of 4 schematic sheet1 5	$IVEDWORK/1_07_awd_4wd_act_nvg__013				Tuesday, November 29, 2005		Panel Set: 4	

GM Proprietary

Brakes/Vehicle Speed: ABS-HD



Brakes/Vehicle Speed: ABS-HD

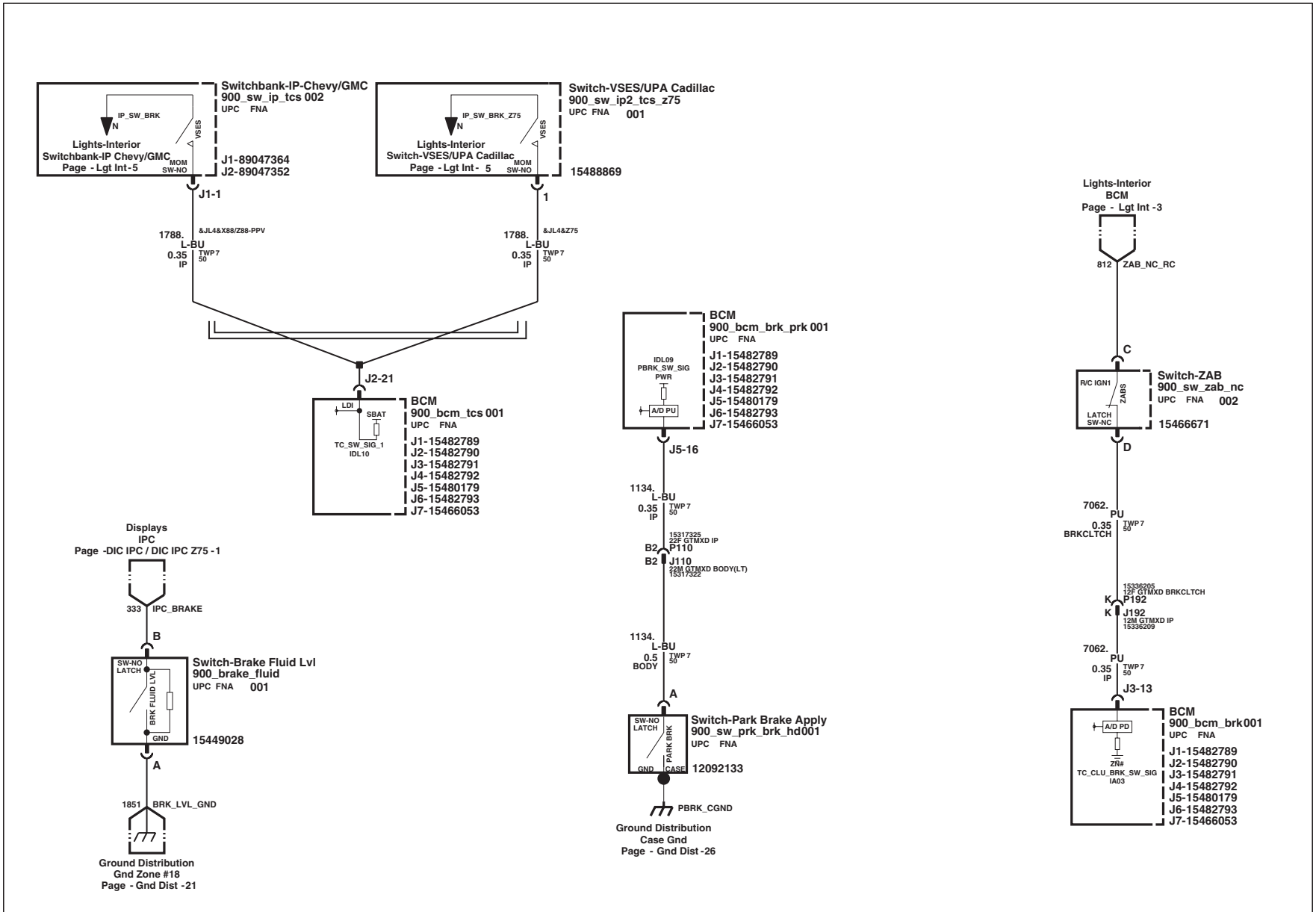


Brakes/Veh. Speed: ABS-HD

REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Released 07 GMT900	1_07_brk_abs_hd	013	SSF	1	10:18:45 am	GMT900	&JH6/JH7
Panel Set: 2 of 2 schematic sheet1 1	$IVEDWORK/1_07_brk_abs_hd__013				Friday, September 2, 2005 Panel Set: 2		

GM Proprietary

Brakes/Vehicle Speed: Base – Foundation

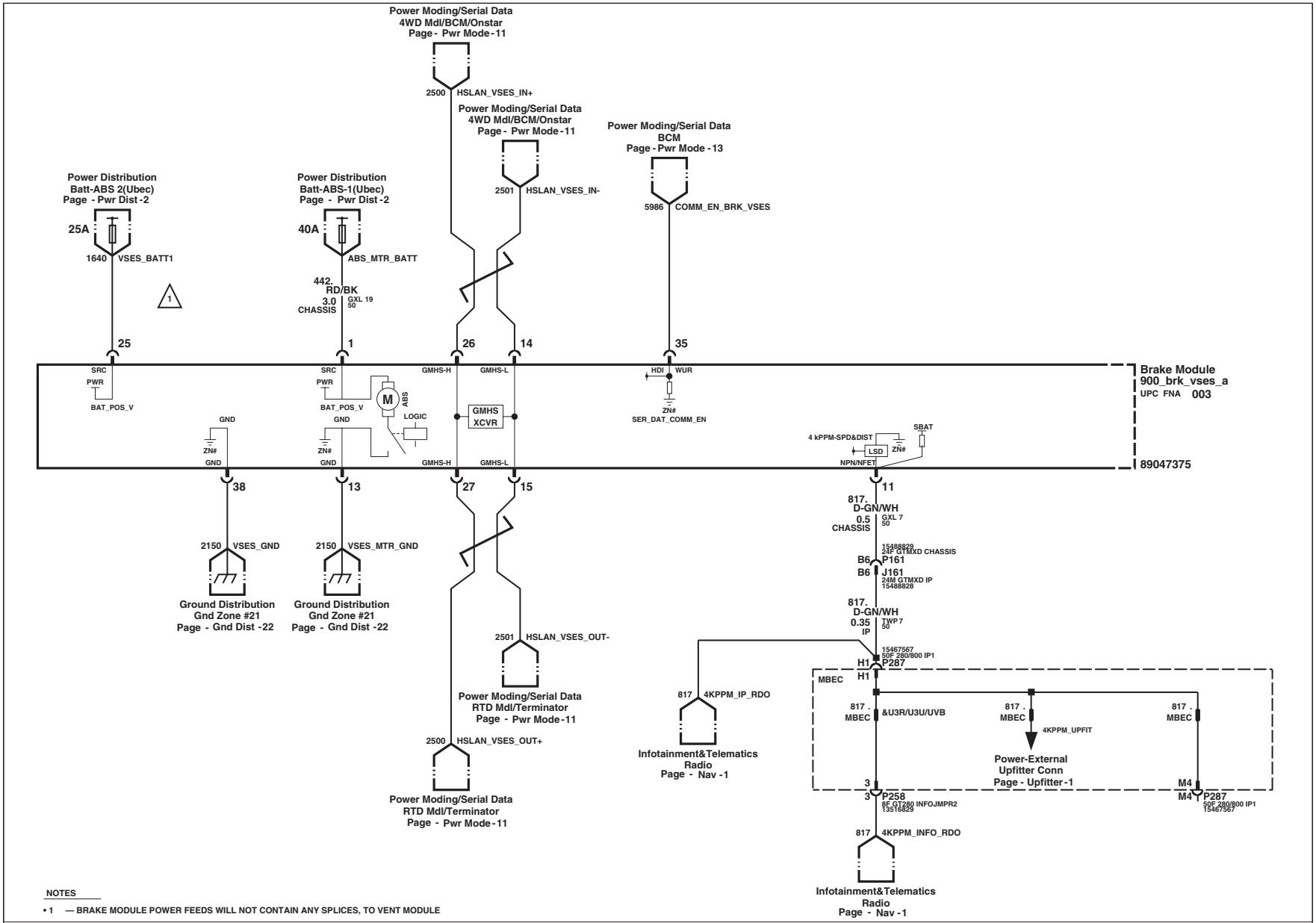


Brakes/Veh. Speed: Base - Foundation

REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Released 07 GMT900 1_07_brk_base	013	SSF	1	10:18:59 am	GMT900	
Panel Set: 1 of 1 schematic sheet1 1 $IVEDWORK/1_07_brk_base__013				Friday, September 2, 2005		

GM Proprietary

Brakes/Vehicle Speed: Vehicle Stability Enhancement System



NOTES

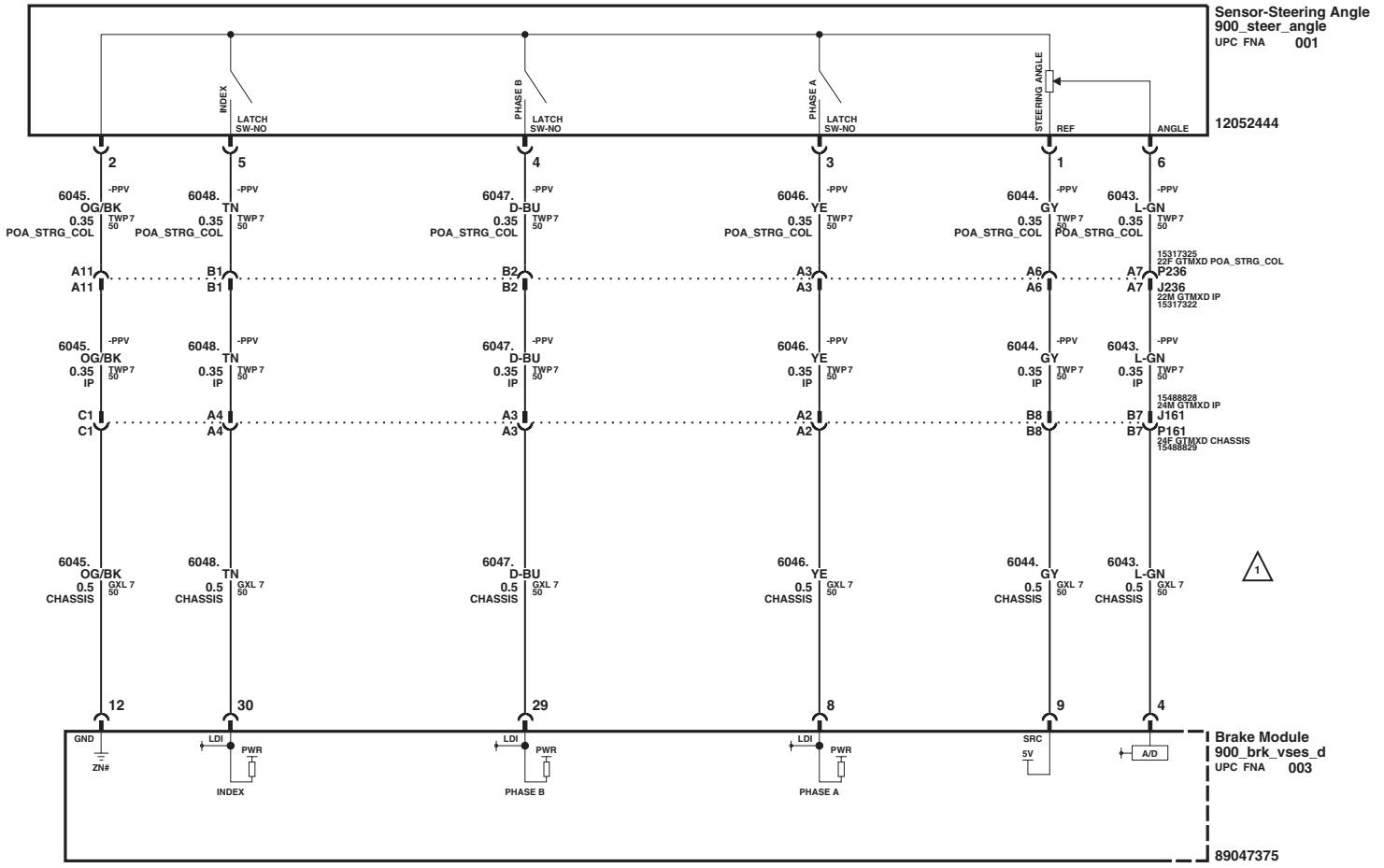
• 1 — BRAKE MODULE POWER FEEDS WILL NOT CONTAIN ANY SPLICES, TO VENT MODULE

Brakes/Veh. Speed: Vehicle Stability Enhancement System

Released	07 GMT900	1_07_brk_vses	013	STAGE SSF	VERSION 1	LAST CHANGED BY	10:19:16 am	ORGANIZATION GMT900	USAGE &JL4
Panel Set: 1 of 4	schematic	sheet1	1	$IVEDWORK/1_07_brk_vses__013		Friday, September 2, 2005		Panel Set: 1	

GM Proprietary

Brakes/Vehicle Speed: Vehicle Stability Enhancement System



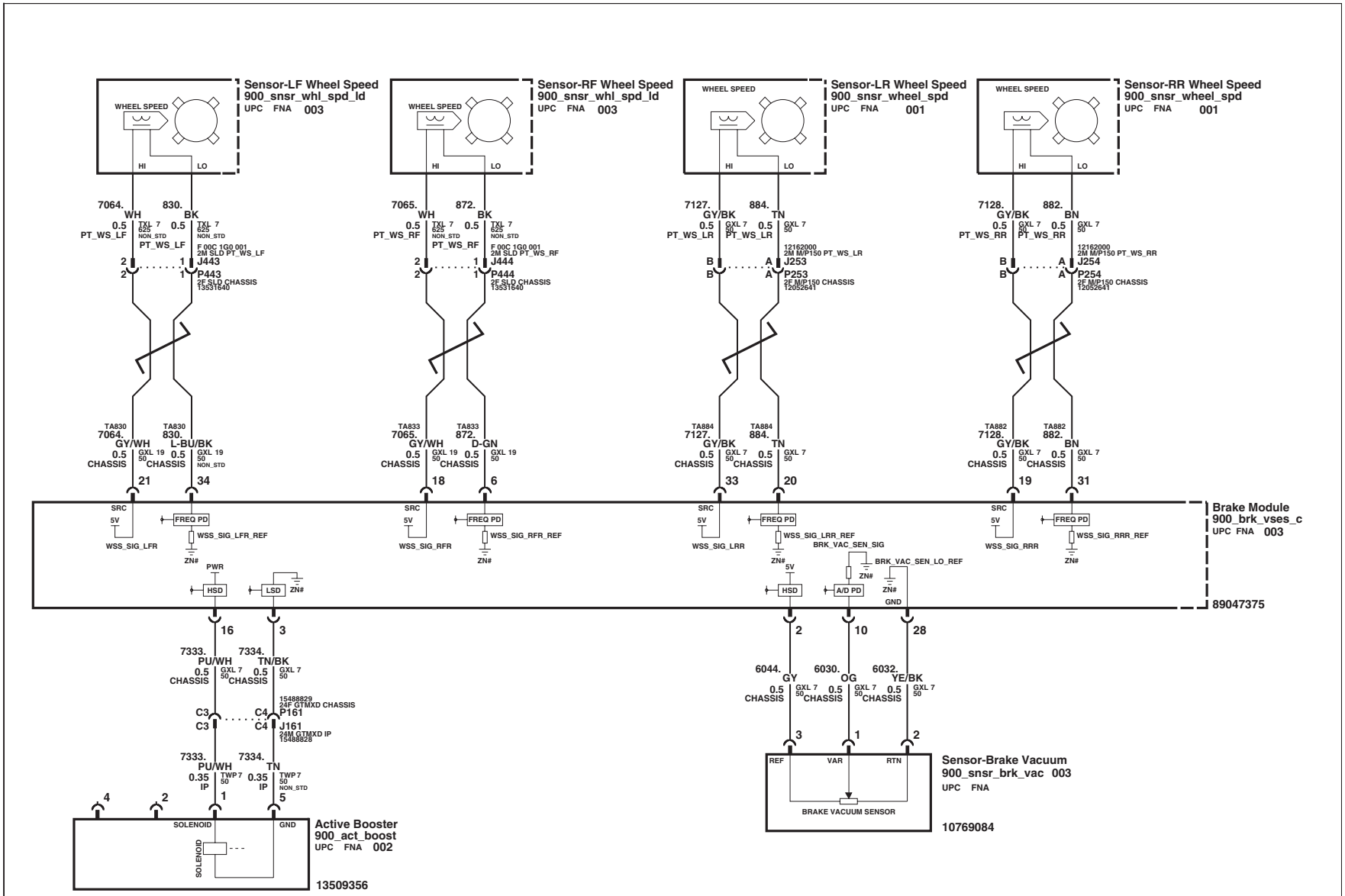
NOTES

- 1 — FOR &PPV, POLICE PACKAGE, SAS CHASSIS WIRES ARE 'GIVE-AWAY'
- 2 — SAS MAY BE SUPPLIER INTEGRATED
- 3 — SAS REQUIRED WITH VSES,EVO/MSVA, RTD, OR 4WS

Brakes/Veh. Speed: Vehicle Stability Enhancement System	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Released 07 GMT900 1_07_brk_vses 013	SSF	1		10:19:16 am	GMT900	&JL4
Panel Set: 2 of 4 schematic sheet1 1 $IVEDWORK/1_07_brk_vses__013			Friday, September 2, 2005		Panel Set: 2	

GM Proprietary

Brakes/Vehicle Speed: Vehicle Stability Enhancement System



Brakes/Veh. Speed: Vehicle Stability Enhancement System

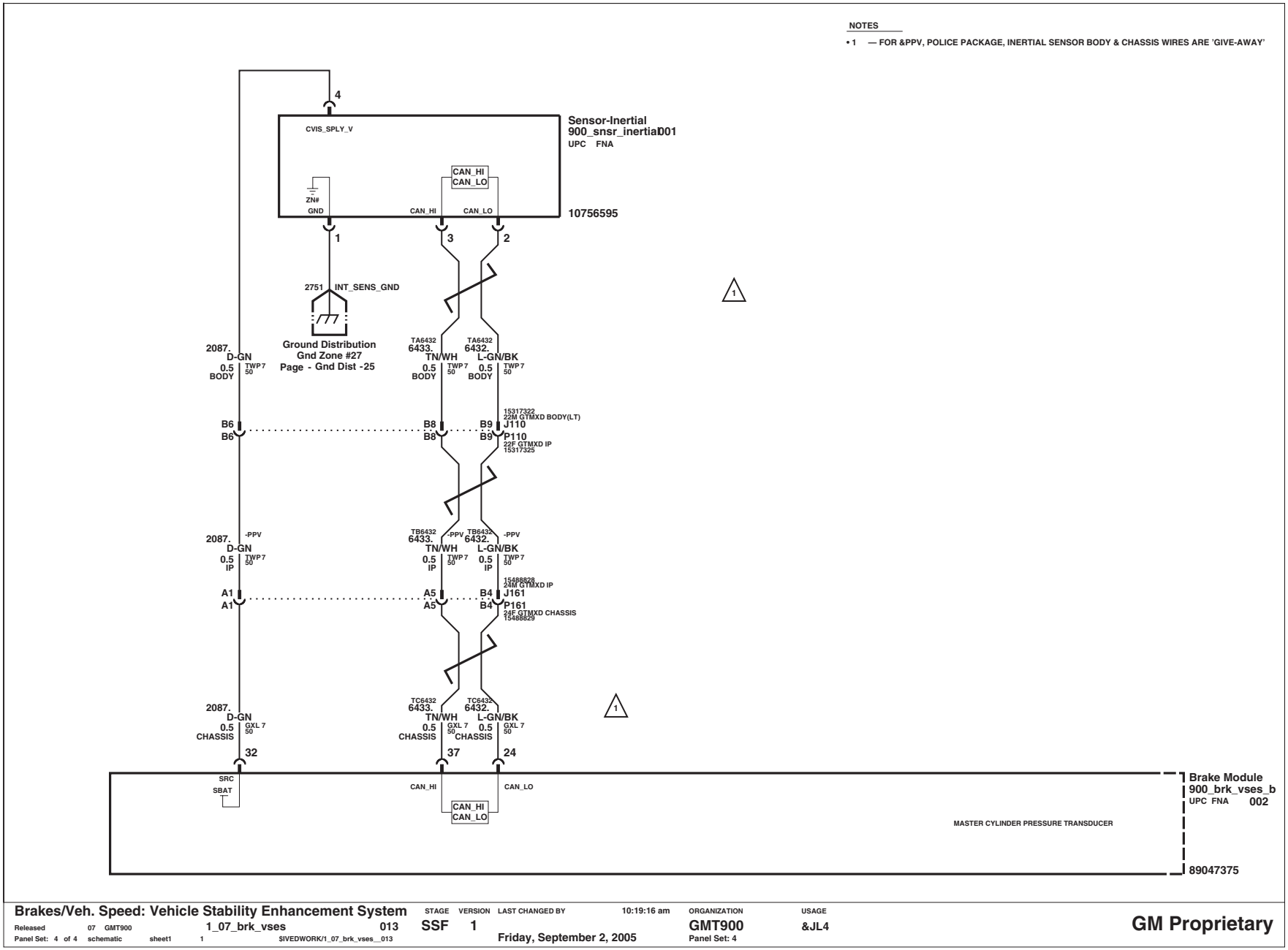
STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
SSF	1		10:19:16 am	GMT900	&JL4

Released 07 GMT900 1_07_brk_vses 013 — Friday, September 2, 2005

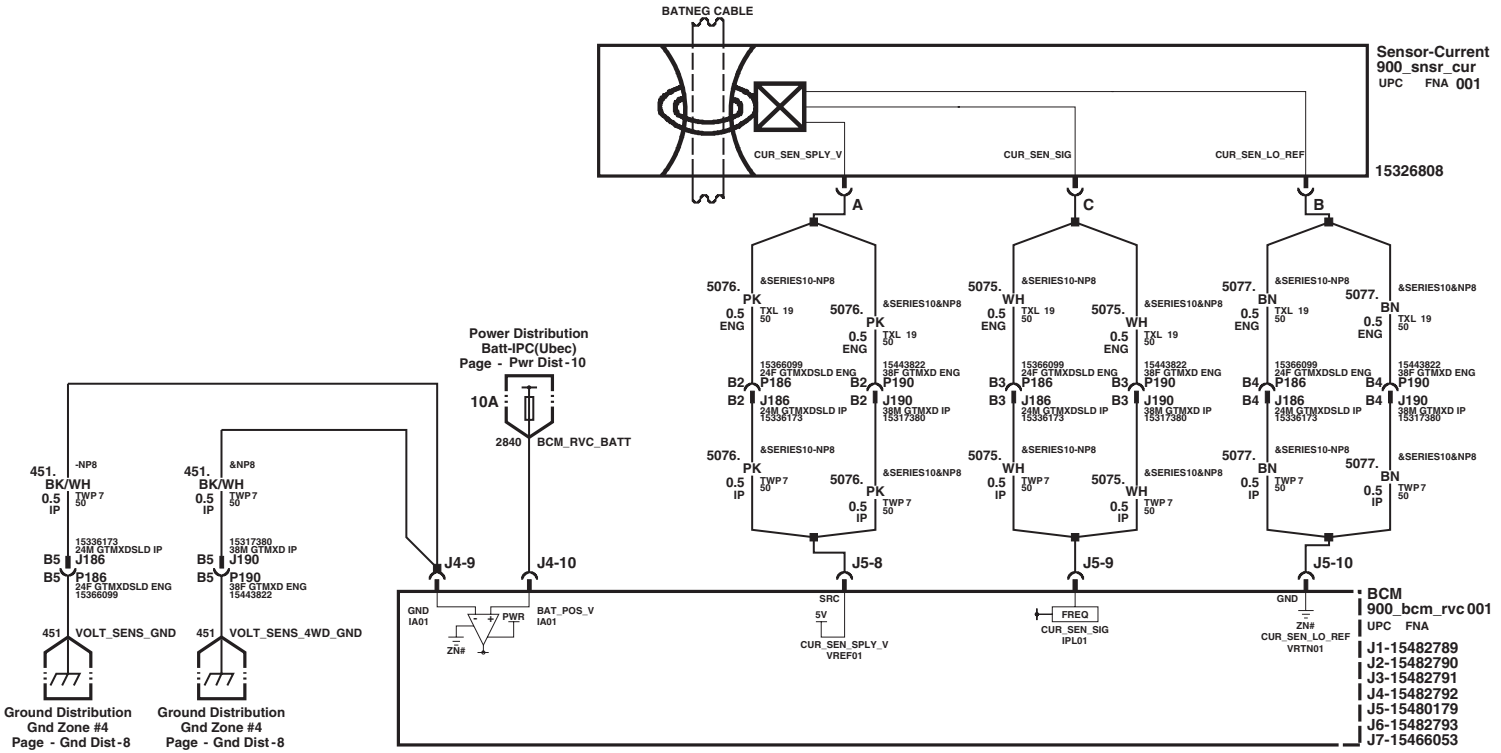
Panel Set: 3 of 4 schematic sheet1 1 $IVEDWORK/1_07_brk_vses__013 — Panel Set: 3

GM Proprietary

Brakes/Vehicle Speed: Vehicle Stability Enhancement System



Charging: Base – Gas

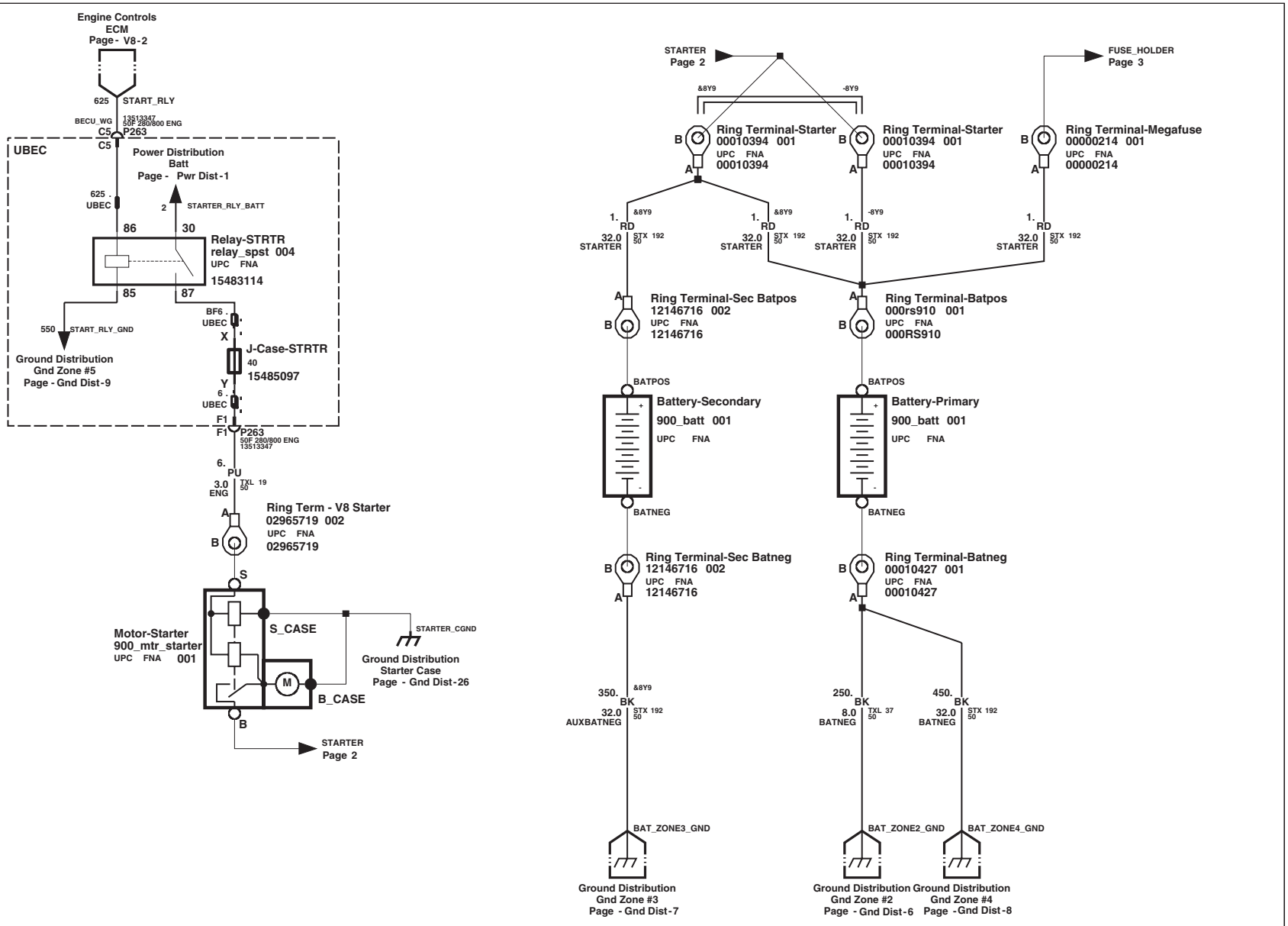


NOTES

• 1 — VOLTAGE SENSE GND MUST BE A DOUBLE CRIMP AT THE RING TERMINAL

Charging: Base - Gas	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE	
Released 07 GMT900	1_07_charg_base_gas	013	SSF	1		8:39:01 am	GMT900	&L76/L92/LC9/LH6/LMG/LY2/LY5/LY6	GM Proprietary
Panel Set: 1 of 3 schematic sheet1 6	$IVEDWORK/1_07_charg_base_gas__013					Tuesday, October 25, 2005			

Charging: Base – Gas



Charging: Base - Gas

OBJECT ID: 1_07_charg_base_gas 013 | REVISION: SSF | STAGE: 1 | VERSION: | LAST CHANGED BY: | 8:39:01 am | ORGANIZATION: GMT900 | USAGE: &L76/L92/LC9/LH6/LMG/LY2/LY5/LY6

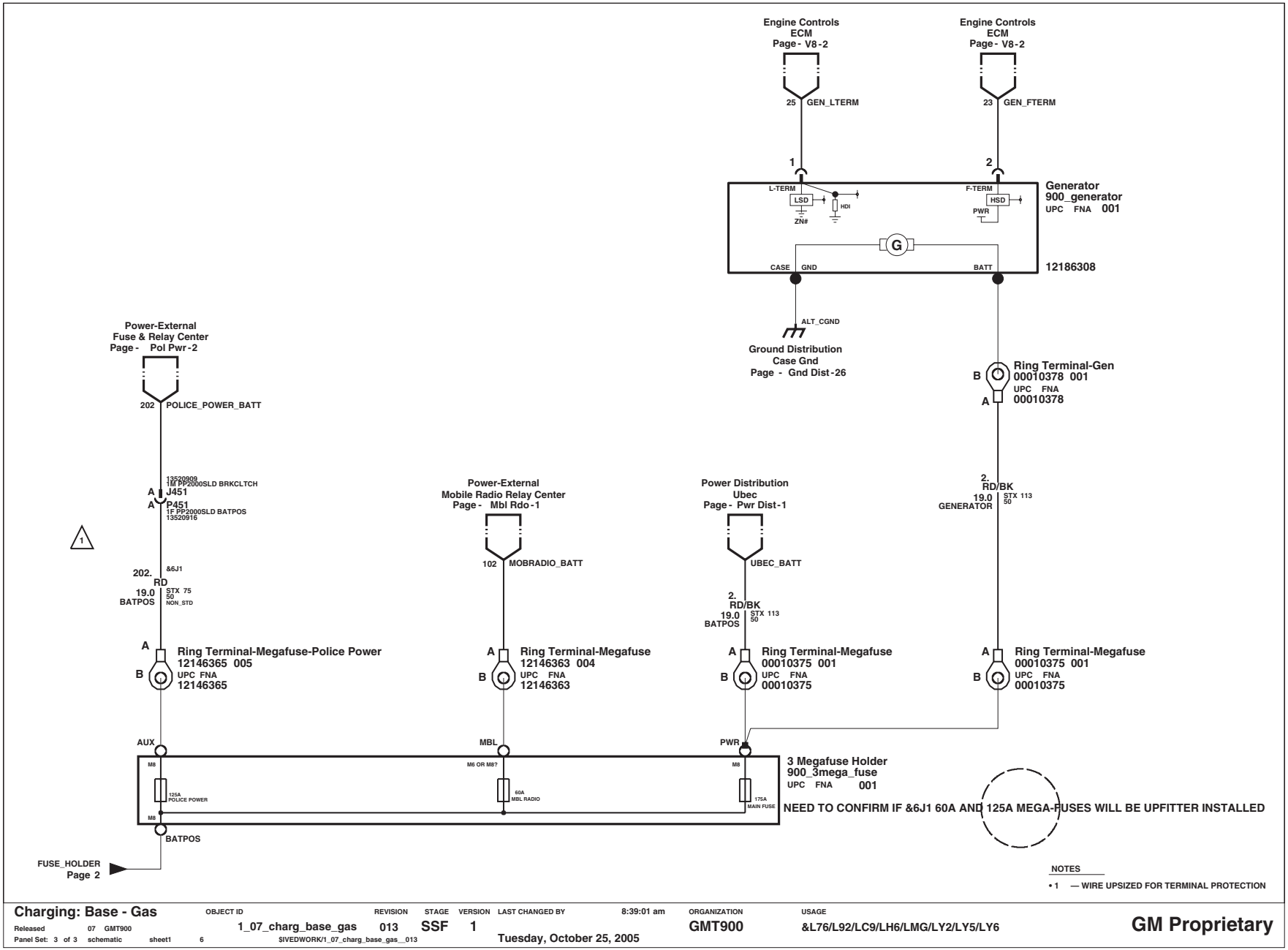
Released 07 GMT900

Panel Set: 2 of 3 schematic sheet1 6 $IVEDWORK/1_07_charg_base_gas__013

Tuesday, October 25, 2005

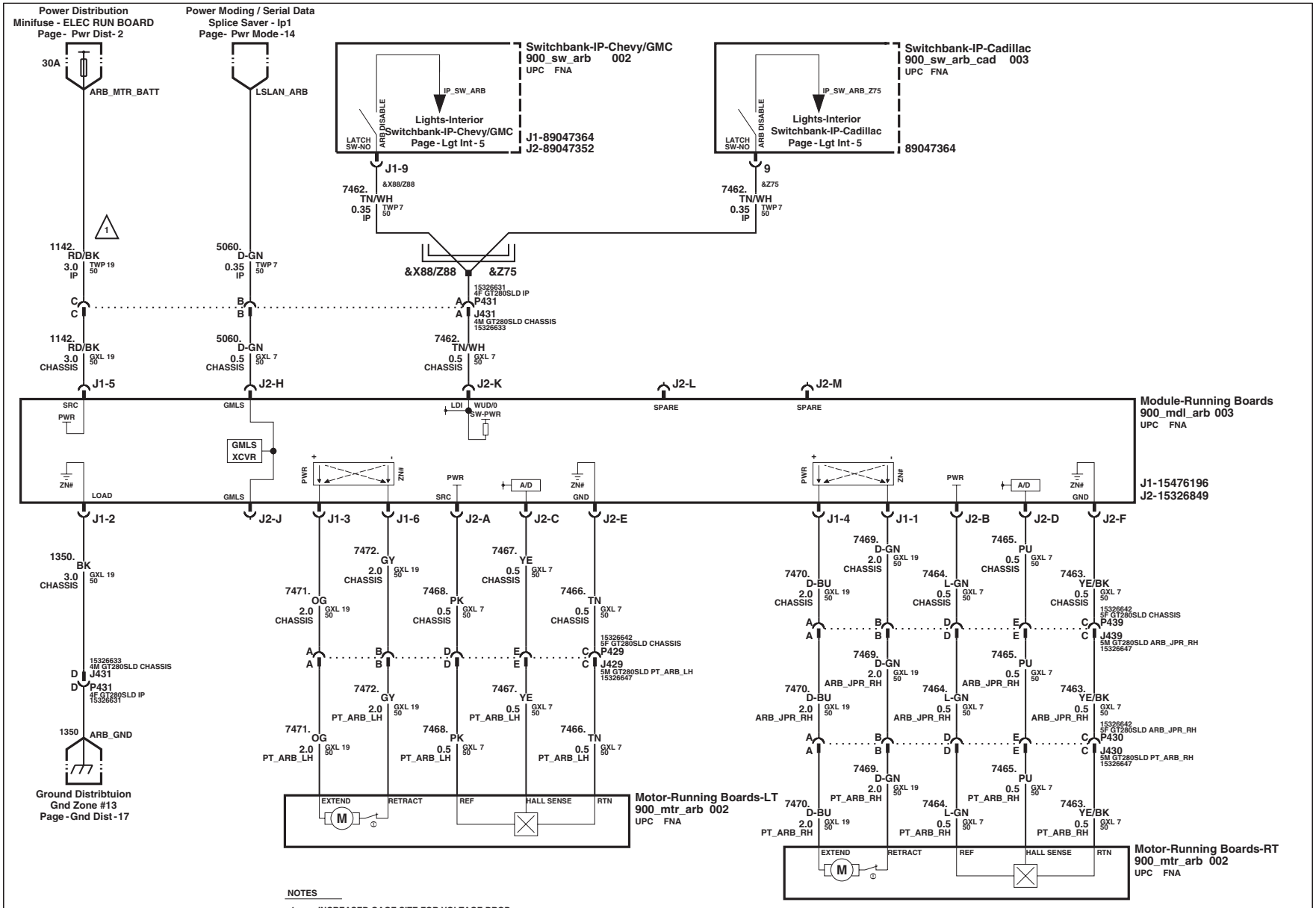
GM Proprietary

Charging: Base – Gas

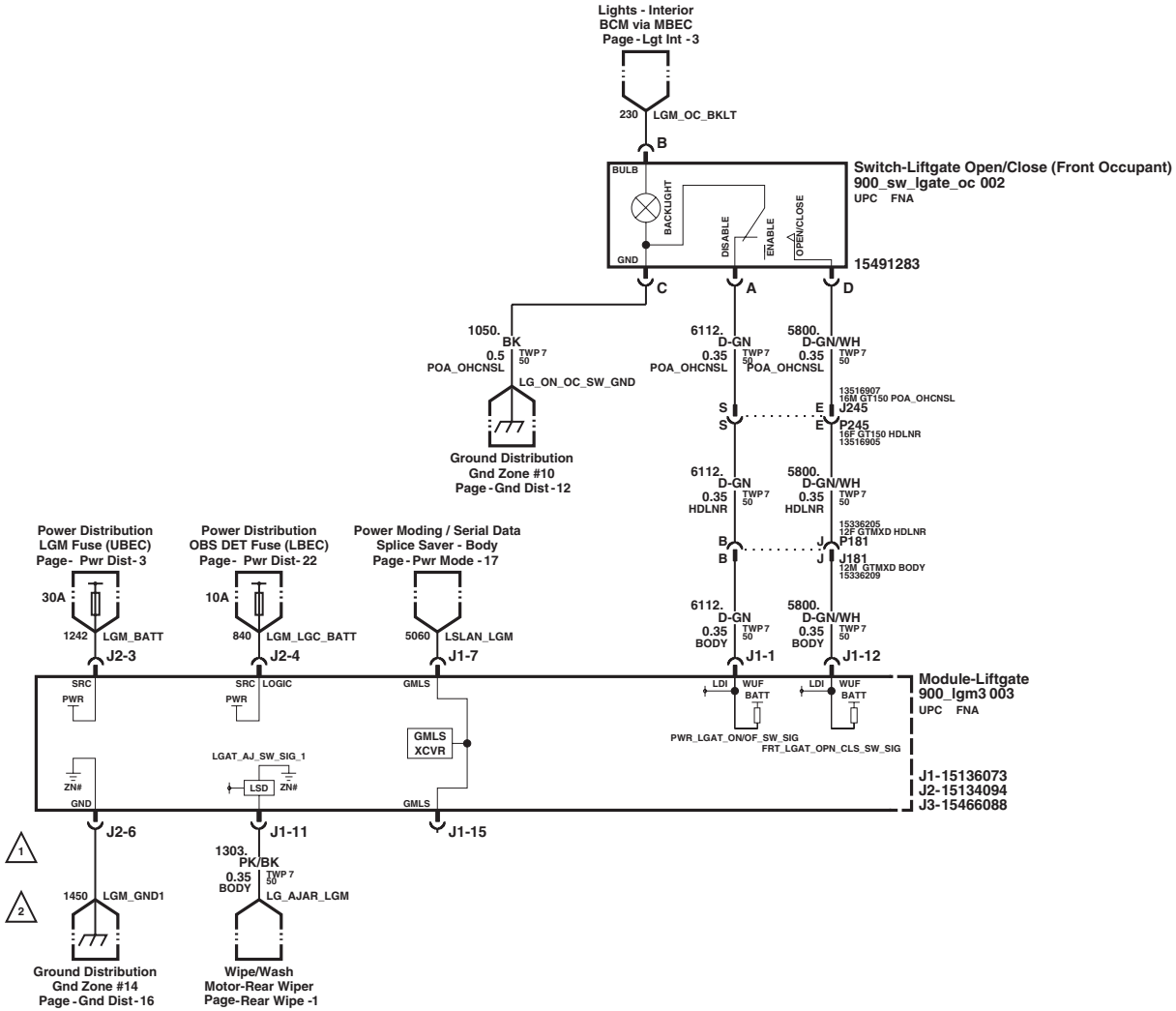


Charging: Base - Gas	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE	
Released 07 GMT900	1_07_charg_base_gas	013	SSF	1		8:39:01 am	GMT900	&L76/L92/LC9/LH6/LMG/LY2/LY5/LY6	GM Proprietary
Panel Set: 3 of 3 schematic sheet1 6	$IVEDWORK/1_07_charg_base_gas__013				Tuesday, October 25, 2005				

Closures/Mirrors: Running Boards



Closures/Mirrors: Power Liftgate

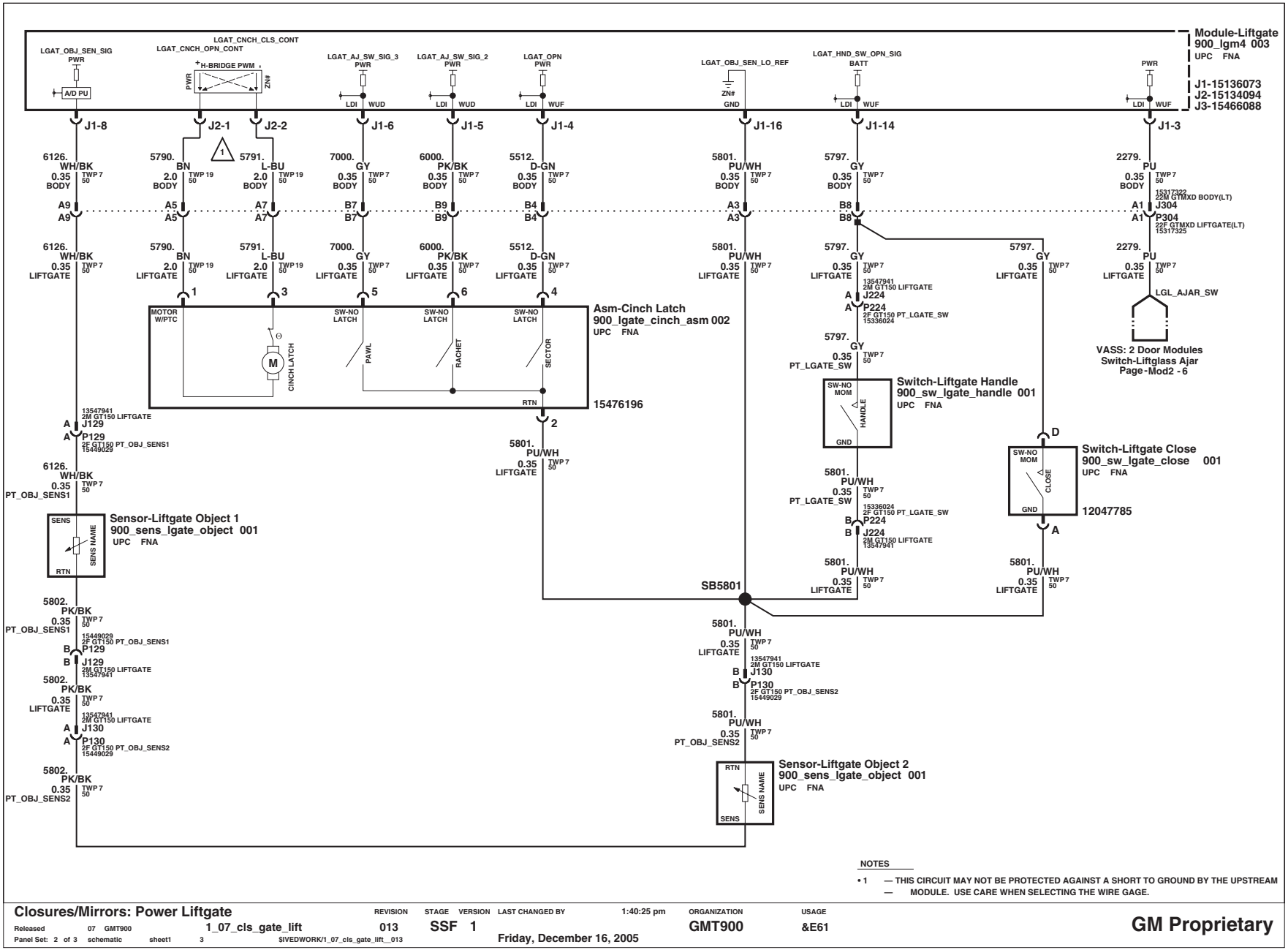


NOTES

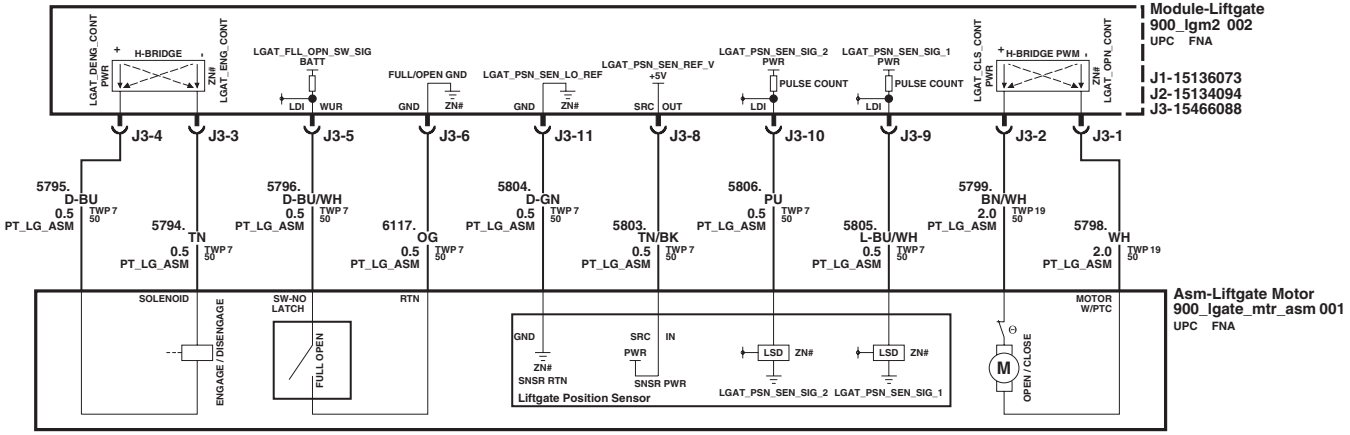
- 1 — PARALLEL GROUNDS MAY BE REQUIRED TO MEET GMLAN GROUND OFFSET REQUIREMENTS
- 2 — WHILE POWER FEED IS 5.0 GAGE DUE TO SIGNAL LOSS, GROUND WIRE CAN BE 3.0 GAGE AS — IT HAS A MUCH SHORTER LENGTH AND IS STILL PROTECTED BY 30A FUSE.

Closures/Mirrors: Power Liftgate								
	REVISION	STAGE	VERSION	LAST CHANGED BY	1:40:25 pm	ORGANIZATION	USAGE	
Released 07 GMT900	1_07_cls_gate_lift	013	SSF	1		GMT900	&E61	GM Proprietary
Panel Set: 1 of 3 schematic sheet1 3	$IVEDWORK/1_07_cls_gate_lift__013				Friday, December 16, 2005			

Closures/Mirrors: Power Liftgate



Closures/Mirrors: Power Liftgate

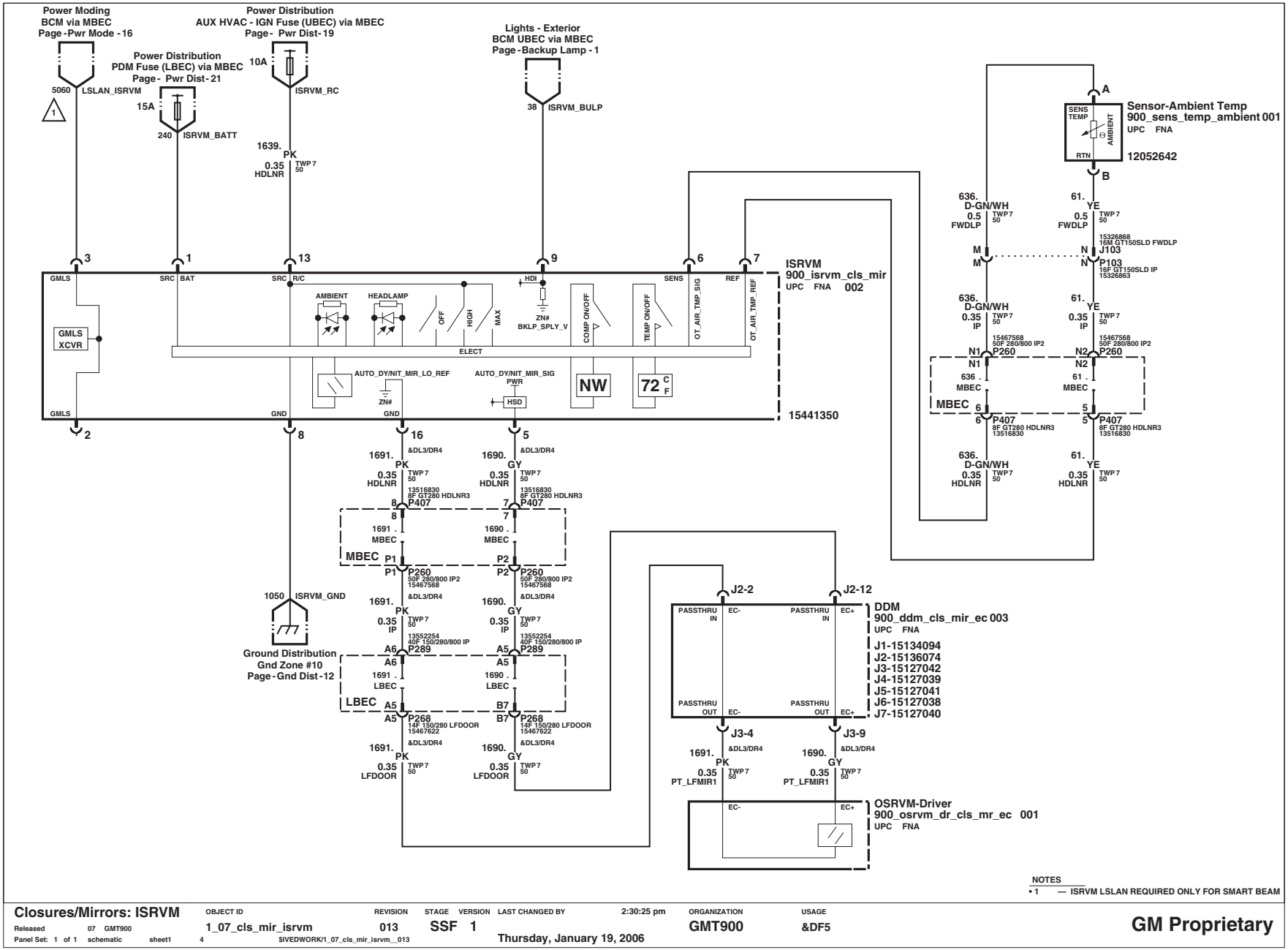


Closures/Mirrors: Power Liftgate

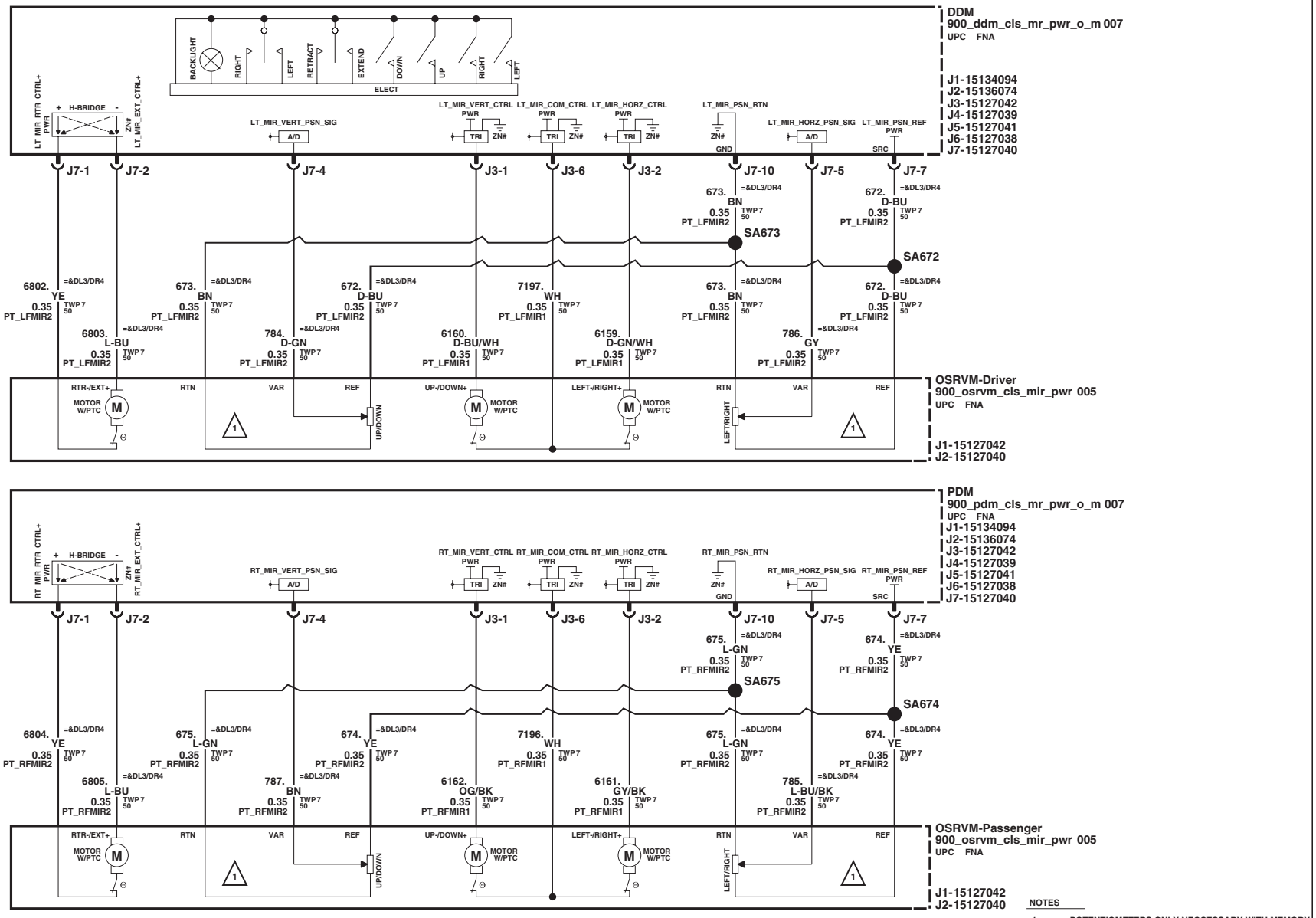
REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Released 07 GMT900	1_07_cls_gate_lift	013	SSF	1	1:40:25 pm	GMT900	&E61
Panel Set: 3 of 3 schematic sheet1 3	$IVEDWORK/1_07_cls_gate_lift__013				Friday, December 16, 2005		

GM Proprietary

Closures/Mirrors: ISRVM



Closures/Mirrors: Power O/S Rear View Mirrors w/Mods



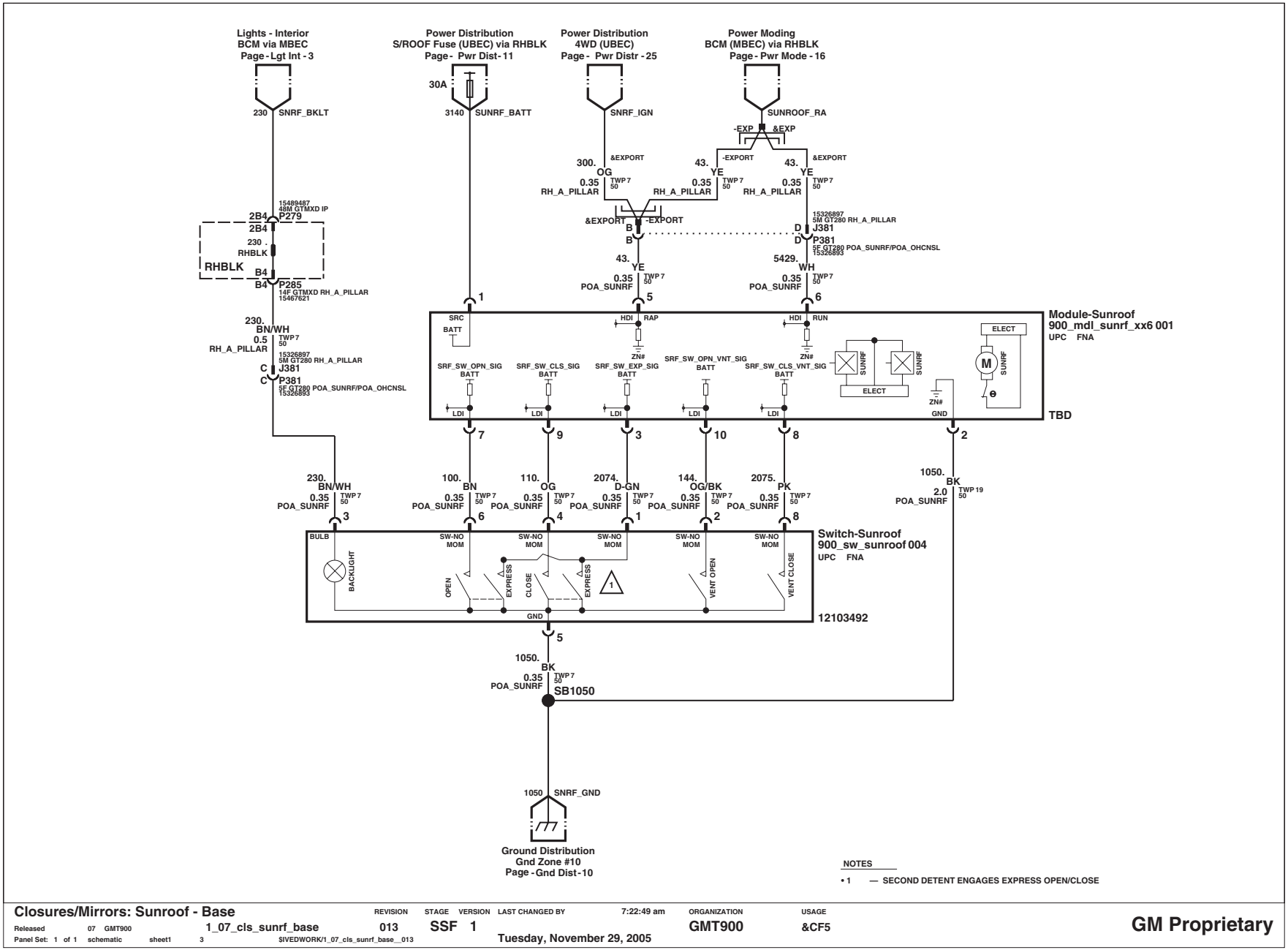
NOTES

• 1 — POTENTIOMETERS ONLY NECCESSARY WITH MEMORY.

Closures/Mirrors: Power O/S Rear View Mirrors w/Mods	STAGE	VERSION	LAST CHANGED BY	7:26:54 am	ORGANIZATION	USAGE
Released 07 GMT900	1_07_cls_mir_pwr_os_m	013	SSF	1	GMT900	&DL3/DL8/DPF/DR4
Panel Set: 1 of 1 schematic sheet1 1	$\VEDWORK\1_07_cls_mir_pwr_os_m__013			Tuesday, September 6, 2005		

GM Proprietary

Closures/Mirrors: Sunroof – Base

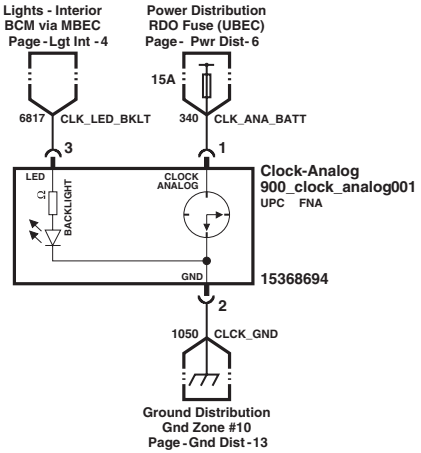


Closures/Mirrors: Sunroof - Base

REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Released 07 GMT900	1_07_cls_sunrf_base	013	SSF	1	GMT900	&CF5
Panel Set: 1 of 1 schematic sheet1 3	$IVEDWORK/1_07_cls_sunrf_base__013		Tuesday, November 29, 2005	7:22:49 am		

GM Proprietary

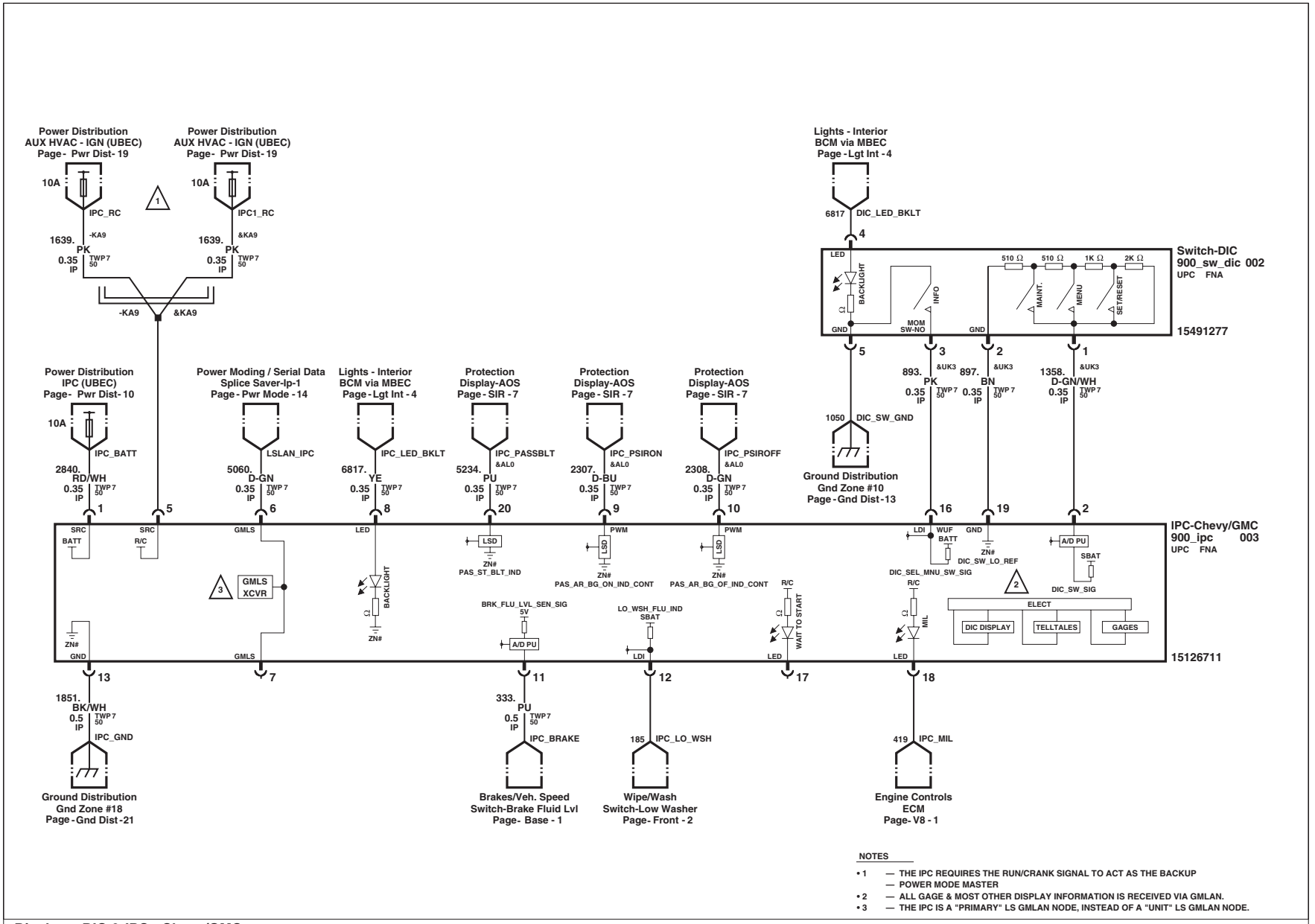
Displays: Analog Clock



Displays: Analog Clock	OBJECT ID		REVISION	STAGE	VERSION	LAST CHANGED BY	7:06:24 am	ORGANIZATION	USAGE
Released 07 GMT900	1_07_displ_clock		013	SSF	1			GMT900	&Z75
Panel Set: 1 of 1 schematic sheet1 1	$IVEDWORK/1_07_displ_clock__013					Tuesday, September 6, 2005			

GM Proprietary

Displays: DIC & IPC – Chevy/GMC

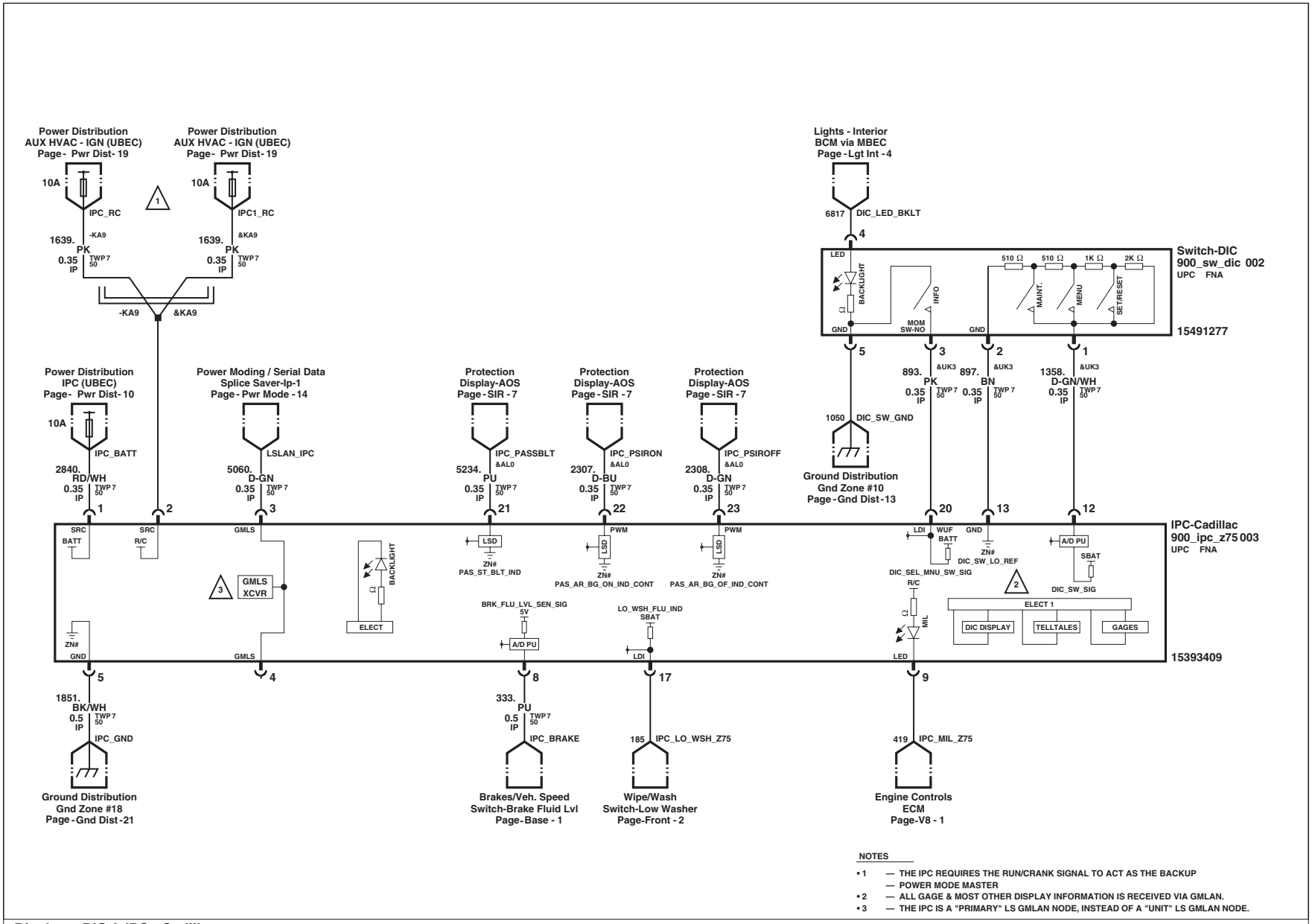


NOTES

- 1 — THE IPC REQUIRES THE RUN/CRANK SIGNAL TO ACT AS THE BACKUP
  — POWER MODE MASTER
- 2 — ALL GAGE & MOST OTHER DISPLAY INFORMATION IS RECEIVED VIA GMLAN.
- 3 — THE IPC IS A "PRIMARY" LS GMLAN NODE, INSTEAD OF A "UNIT" LS GMLAN NODE.

Displays: DIC & IPC - Chevy/GMC	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE	
Released 07 GMT900	1_07_displ_dic_ipc	013	SSF	1	10:07:46 am	GMT900	&X88/Z88	GM Proprietary
Panel Set: 1 of 1 schematic sheet1 3	$IVEDWORK/1_07_displ_dic_ipc__013				Monday, January 23, 2006			

Displays: DIC & IPC – Cadillac

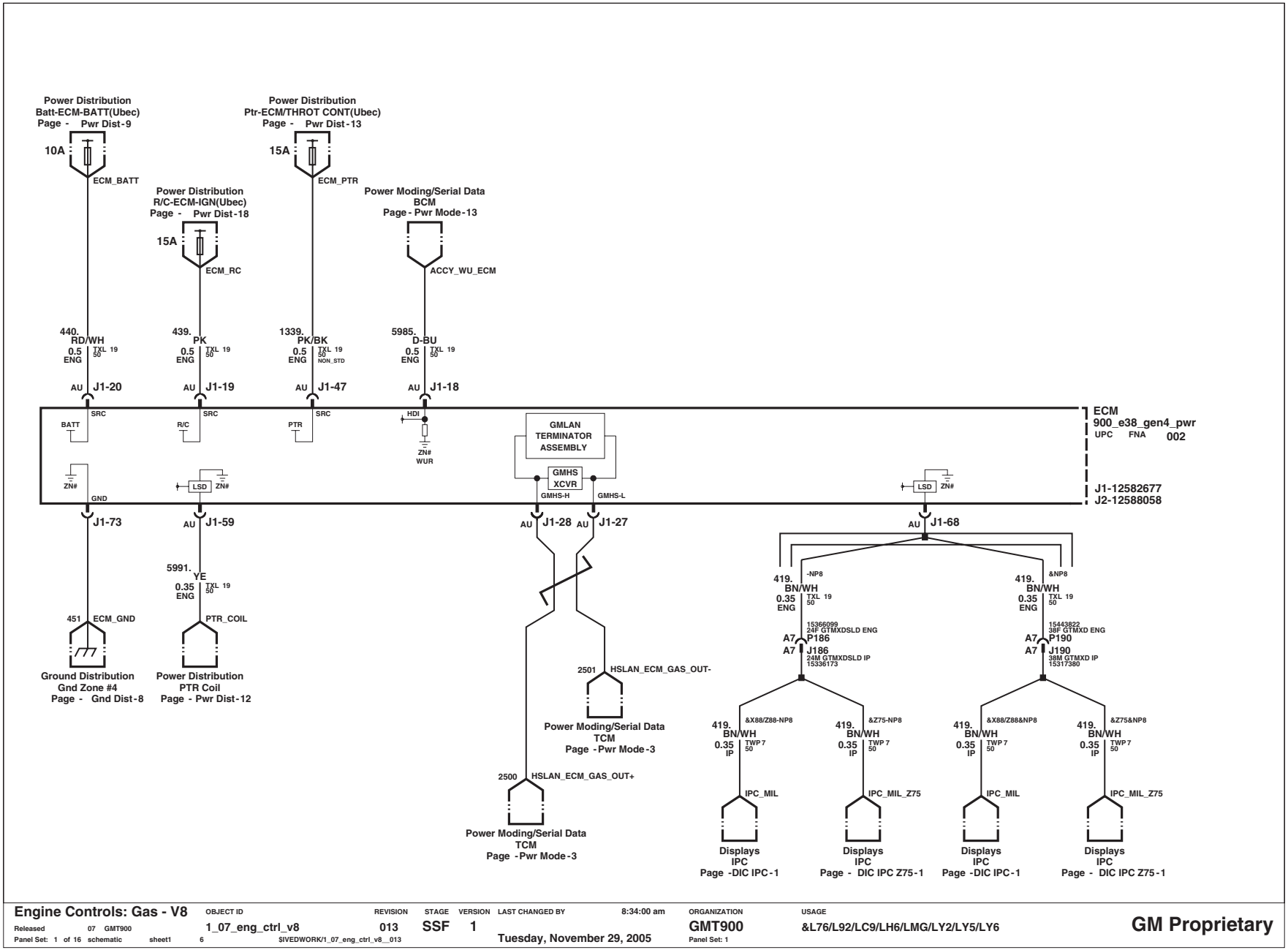


NOTES

- •1 — THE IPC REQUIRES THE RUN/CRANK SIGNAL TO ACT AS THE BACKUP
  — POWER MODE MASTER
- •2 — ALL GAGE & MOST OTHER DISPLAY INFORMATION IS RECEIVED VIA GMLAN.
- •3 — THE IPC IS A "PRIMARY" LS GMLAN NODE, INSTEAD OF A "UNIT" LS GMLAN NODE.

Displays: DIC & IPC - Cadillac								
	REVISION	STAGE	VERSION	LAST CHANGED BY	10:06:42 am	ORGANIZATION	USAGE	
Released 07 GMT900	1_07_displ_dic_ipc_z75	013	SSF	1		GMT900	&Z75	GM Proprietary
Panel Set: 1 of 1 schematic sheet1 3	$IVEDWORK/1_07_displ_dic_ipc_z75_013				Monday, January 23, 2006			

Engine Controls: Gas – V8



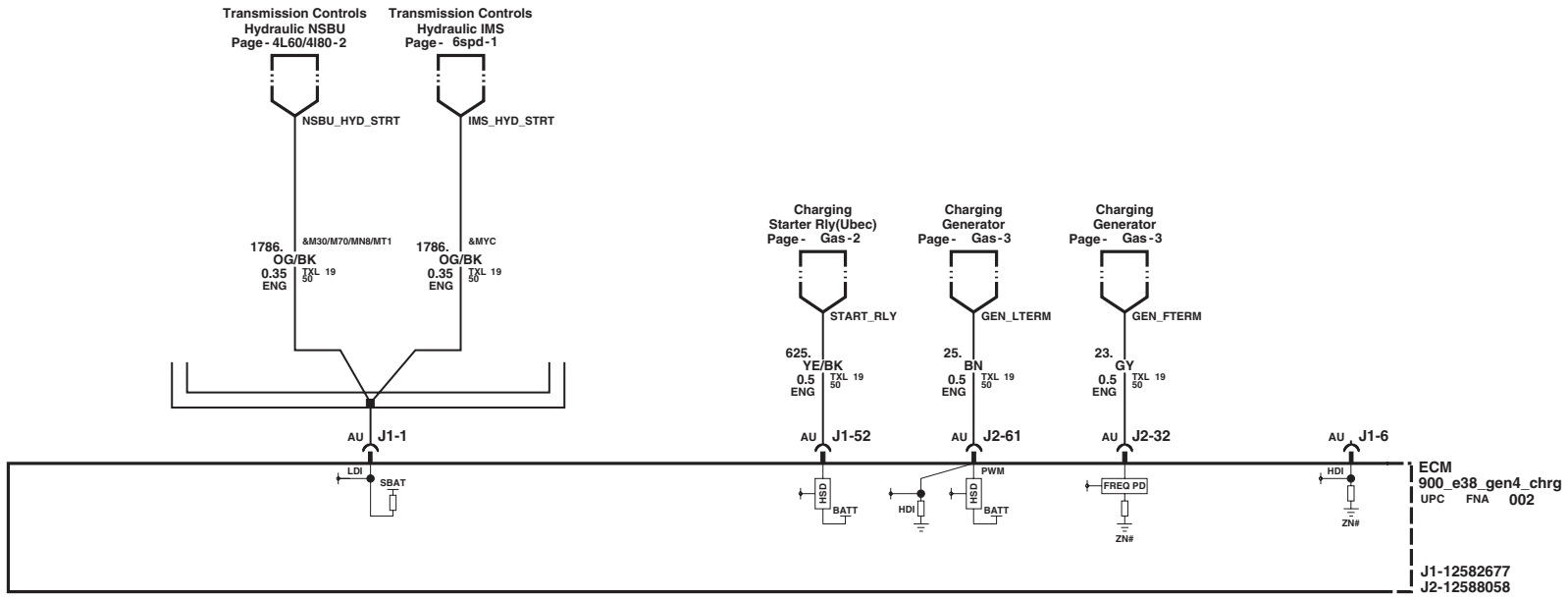
Engine Controls: Gas - V8

OBJECT ID: 1_07_eng_ctrl_v8 | REVISION: 013 | STAGE: SSF | VERSION: 1 | LAST CHANGED BY: 8:34:00 am Tuesday, November 29, 2005 | ORGANIZATION: GMT900 | USAGE: &L76/L92/LC9/LH6/LMG/LY2/LY5/LY6

Released 07 GMT900 | Panel Set: 1 of 16 schematic | sheet1 6 | $IVEDWORK/1_07_eng_ctrl_v8__013 | Panel Set: 1

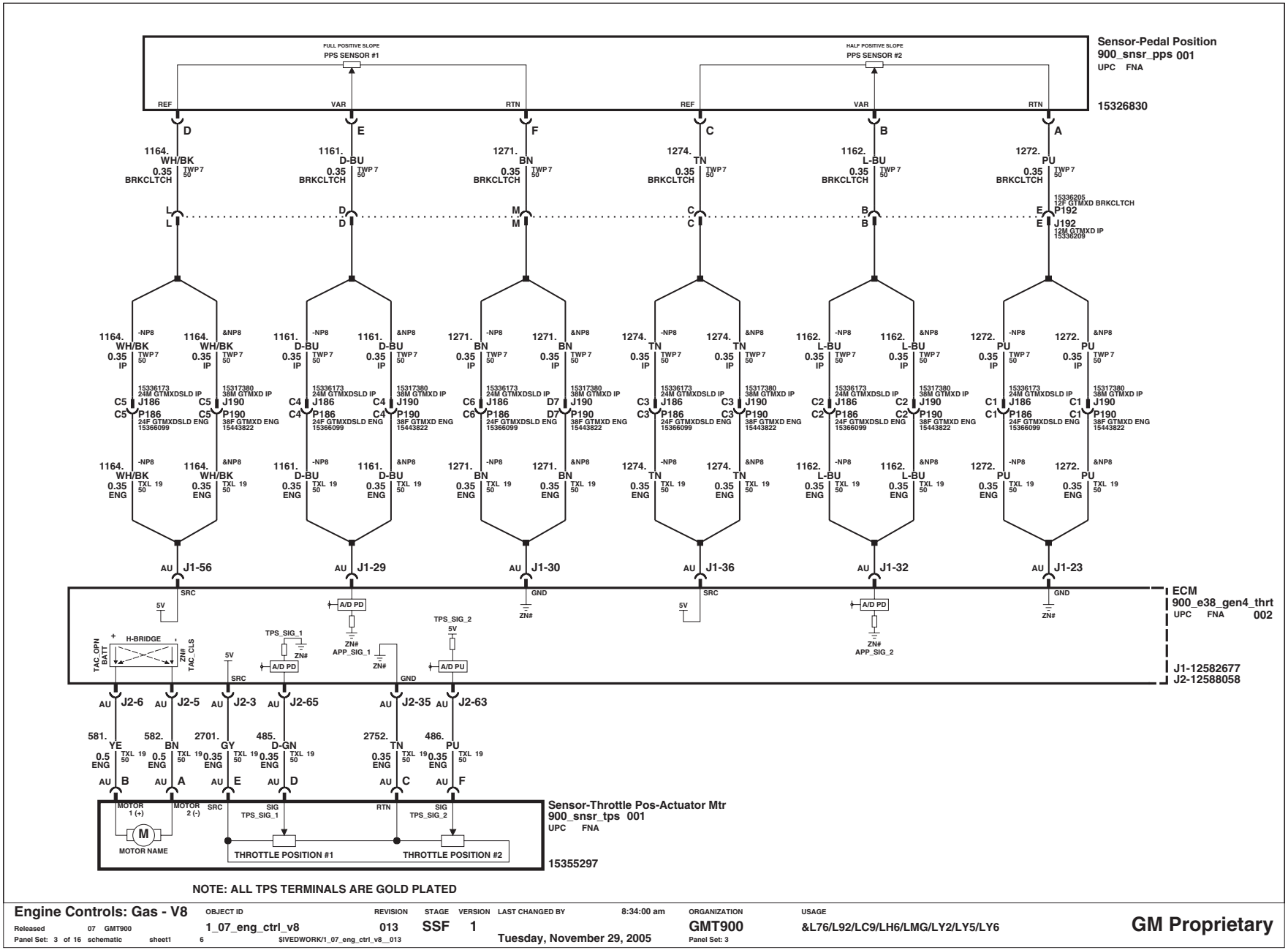
GM Proprietary

Engine Controls: Gas – V8



Engine Controls: Gas - V8	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	8:34:00 am	ORGANIZATION	USAGE	
Released 07 GMT900	1_07_eng_ctrl_v8	013	SSF	1			GMT900	&L76/L92/LC9/LH6/LMG/LY2/LY5/LY6	**GM Proprietary**
Panel Set: 2 of 16 schematic sheet1 6	$IVEDWORK/1_07_eng_ctrl_v8__013				Tuesday, November 29, 2005		Panel Set: 2		

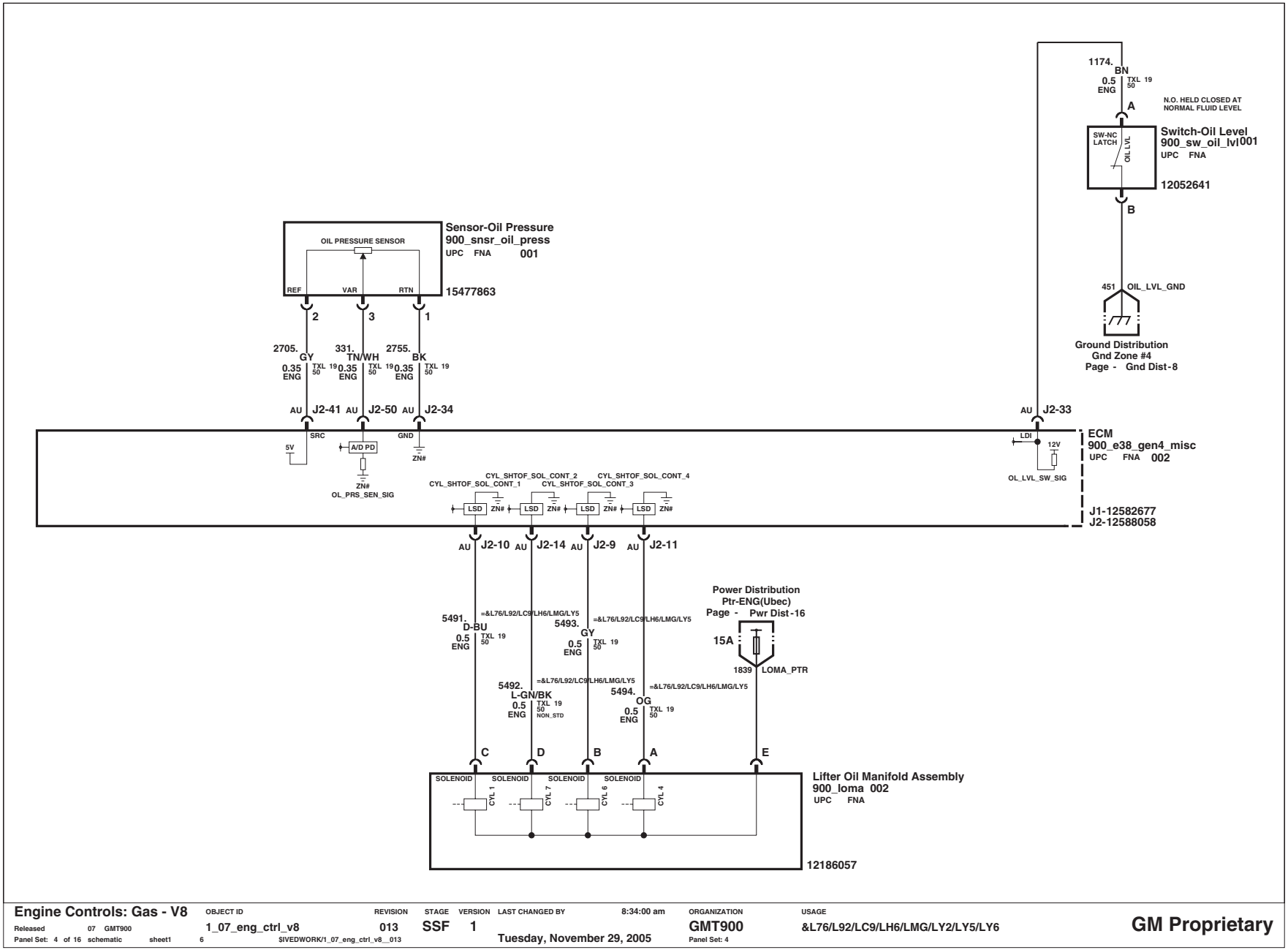
Engine Controls: Gas – V8



Engine Controls: Gas - V8	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	8:34:00 am	ORGANIZATION	USAGE
Released 07 GMT900	1_07_eng_ctrl_v8	013	SSF	1			GMT900	&L76/L92/LC9/LH6/LMG/LY2/LY5/LY6
Panel Set: 3 of 16 schematic sheet1 6	$IVEDWORK/1_07_eng_ctrl_v8__013				Tuesday, November 29, 2005		Panel Set: 3	

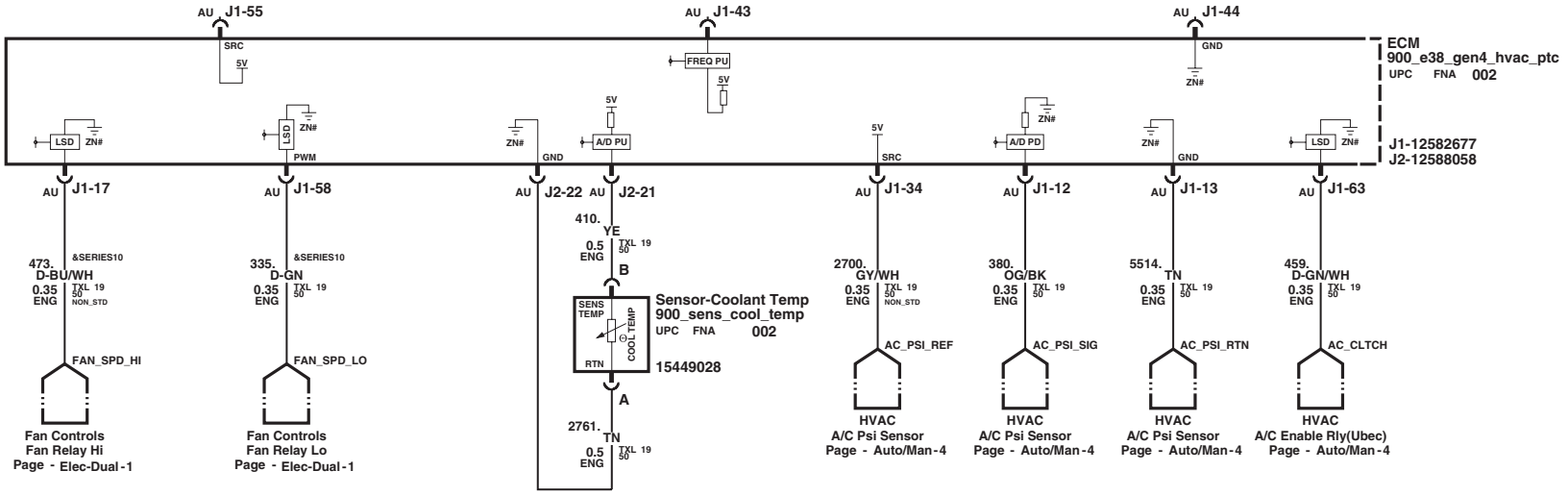
GM Proprietary

Engine Controls: Gas – V8



Engine Controls: Gas - V8	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE	
Released 07 GMT900	1_07_eng_ctrl_v8	013	SSF	1		8:34:00 am	GMT900	&L76/L92/LC9/LH6/LMG/LY2/LY5/LY6	GM Proprietary
Panel Set: 4 of 16 schematic sheet1 6	$IVEDWORK/1_07_eng_ctrl_v8__013				Tuesday, November 29, 2005		Panel Set: 4		

Engine Controls: Gas – V8



Engine Controls: Gas - V8

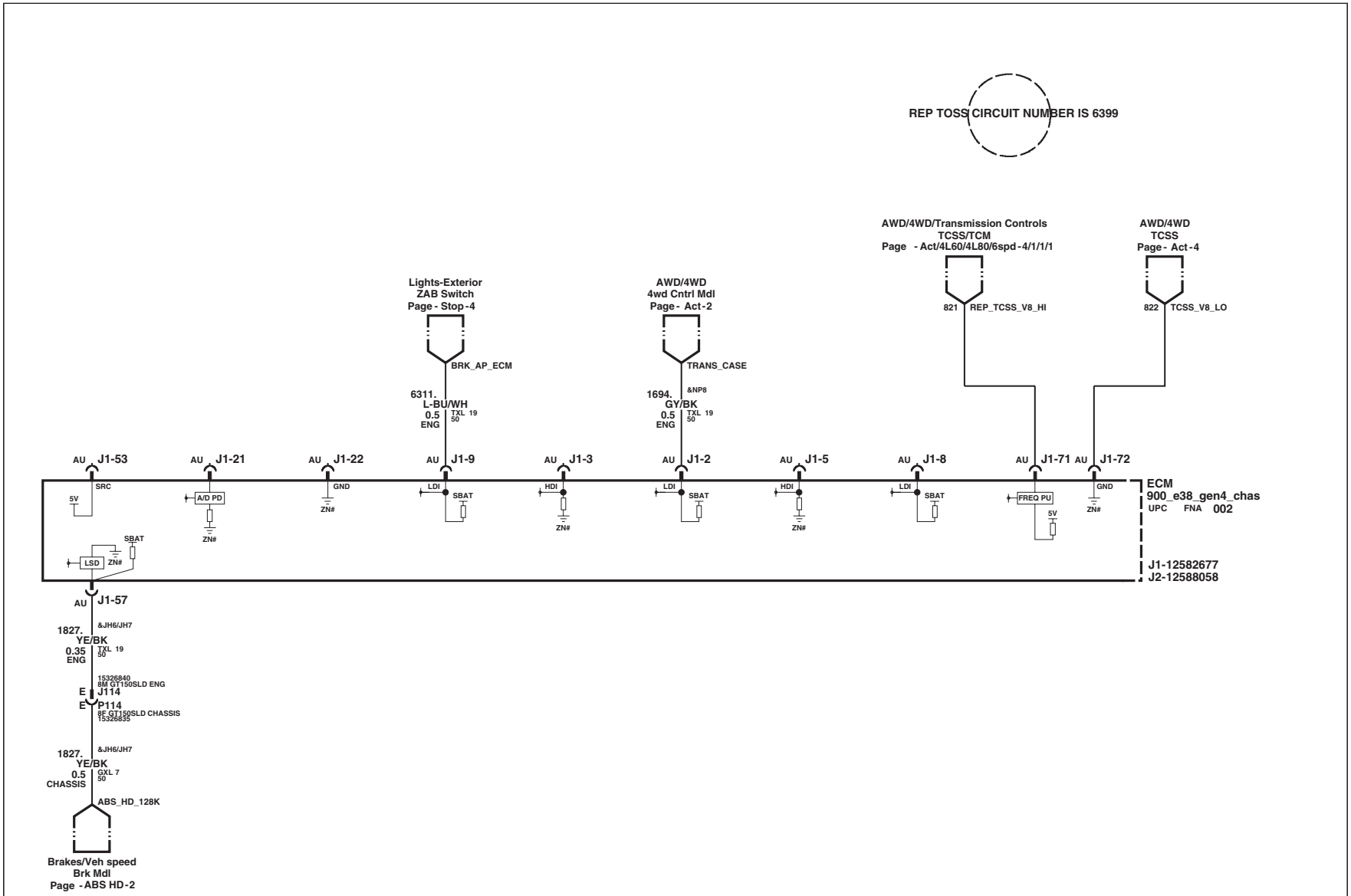
OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
1_07_eng_ctrl_v8	013	SSF	1	8:34:00 am Tuesday, November 29, 2005		GMT900	&L76/L92/LC9/LH6/LMG/LY2/LY5/LY6

Released 07 GMT900 Panel Set: 5 of 16 schematic sheet1 6 $IVEDWORK/1_07_eng_ctrl_v8__013

Panel Set: 5

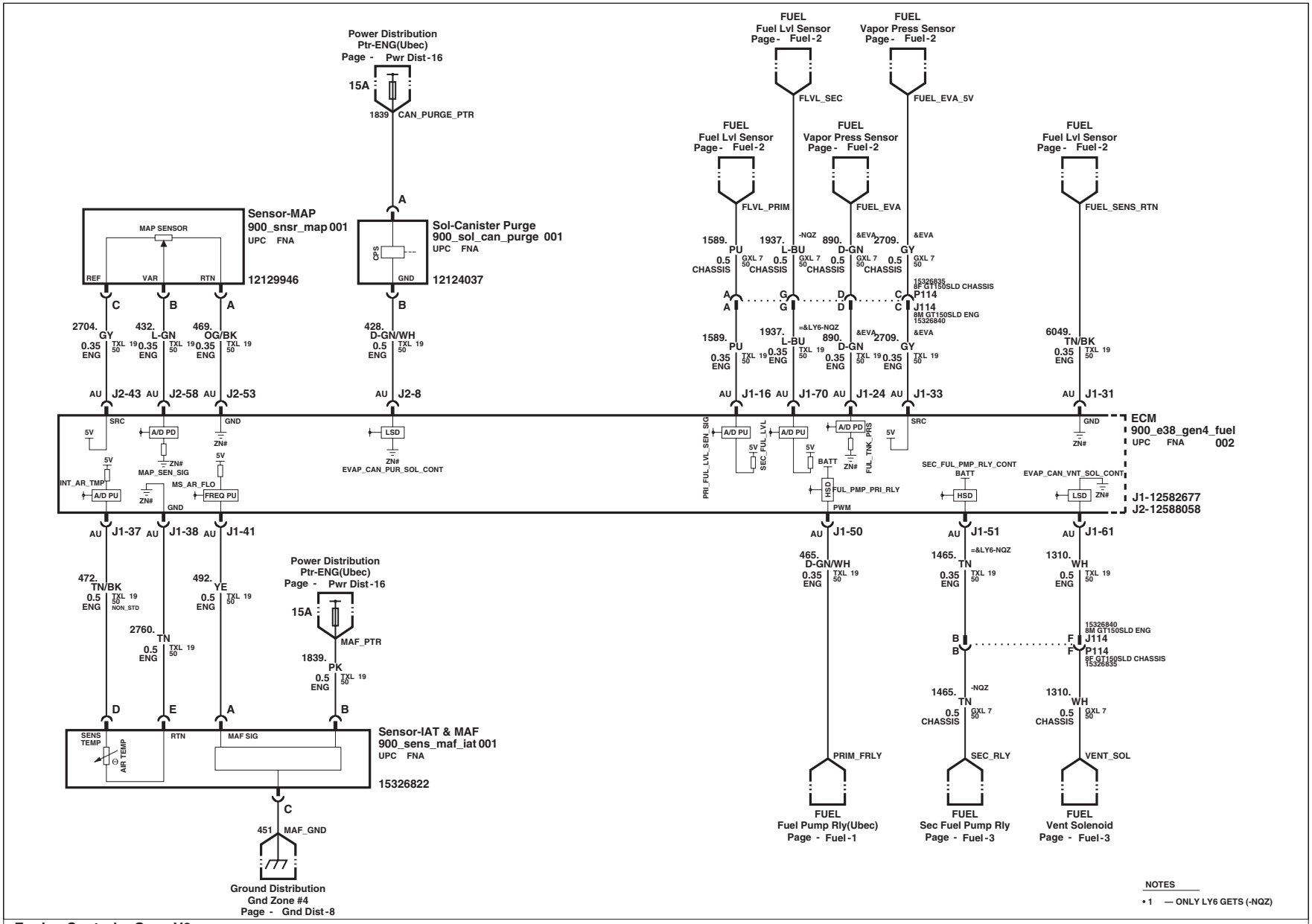
GM Proprietary

Engine Controls: Gas – V8



Engine Controls: Gas - V8	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE	
Released 07 GMT900	1_07_eng_ctrl_v8	013	SSF	1		8:34:00 am	GMT900	&L76/L92/LC9/LH6/LMG/LY2/LY5/LY6	GM Proprietary
Panel Set: 6 of 16 schematic sheet1 6	$IVEDWORK/1_07_eng_ctrl_v8__013				Tuesday, November 29, 2005		Panel Set: 6		

Engine Controls: Gas – V8



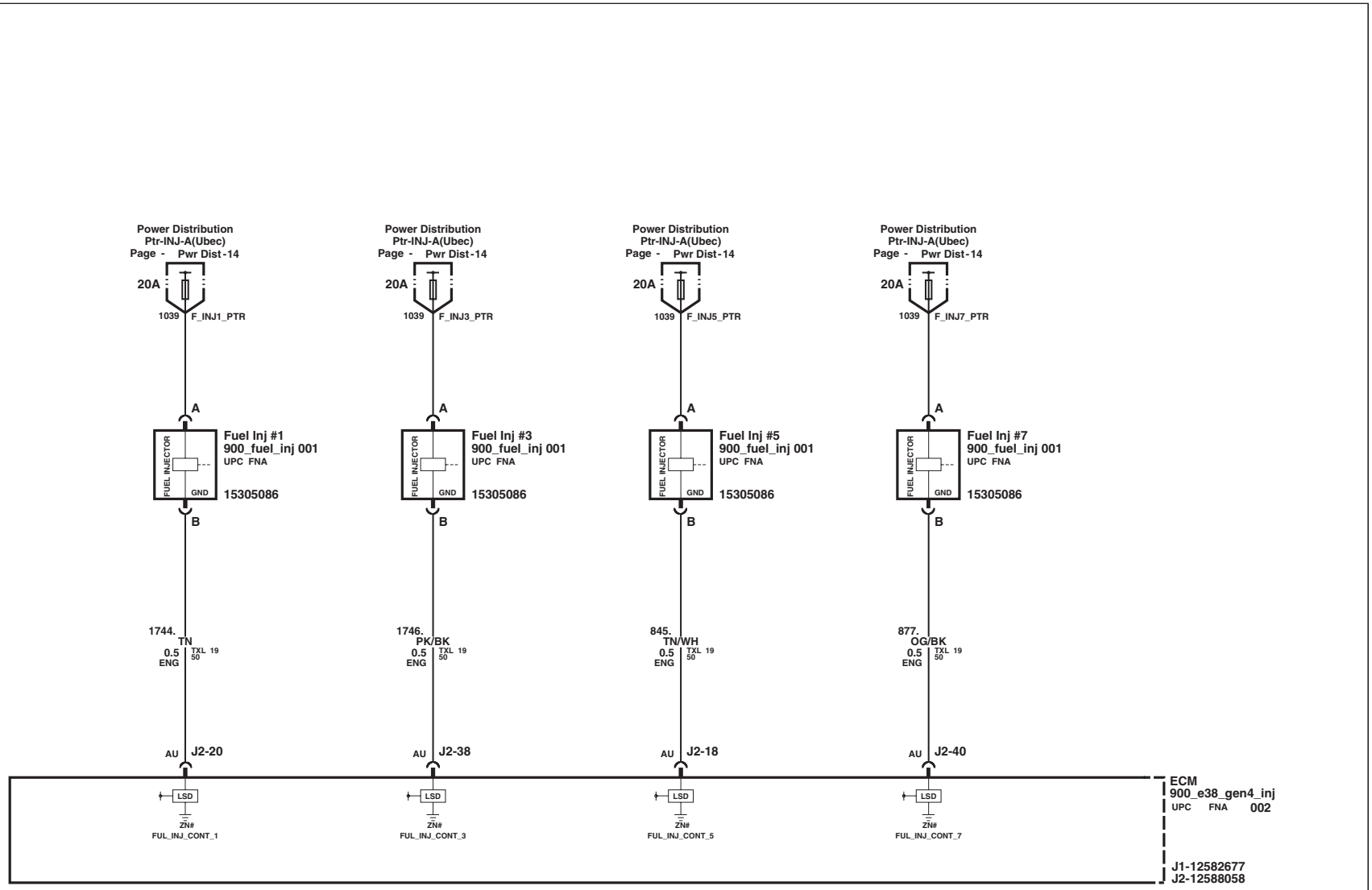
Engine Controls: Gas - V8

OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
1_07_eng_ctrl_v8	013	SSF	1	8:34:00 am Tuesday, November 29, 2005		GMT900	&L76/L92/LC9/LH6/LMG/LY2/LY5/LY6

Released 07 GMT900 — Panel Set: 7 of 16 schematic — sheet1 6 — $IVEDWORK/1_07_eng_ctrl_v8__013 — Panel Set: 7

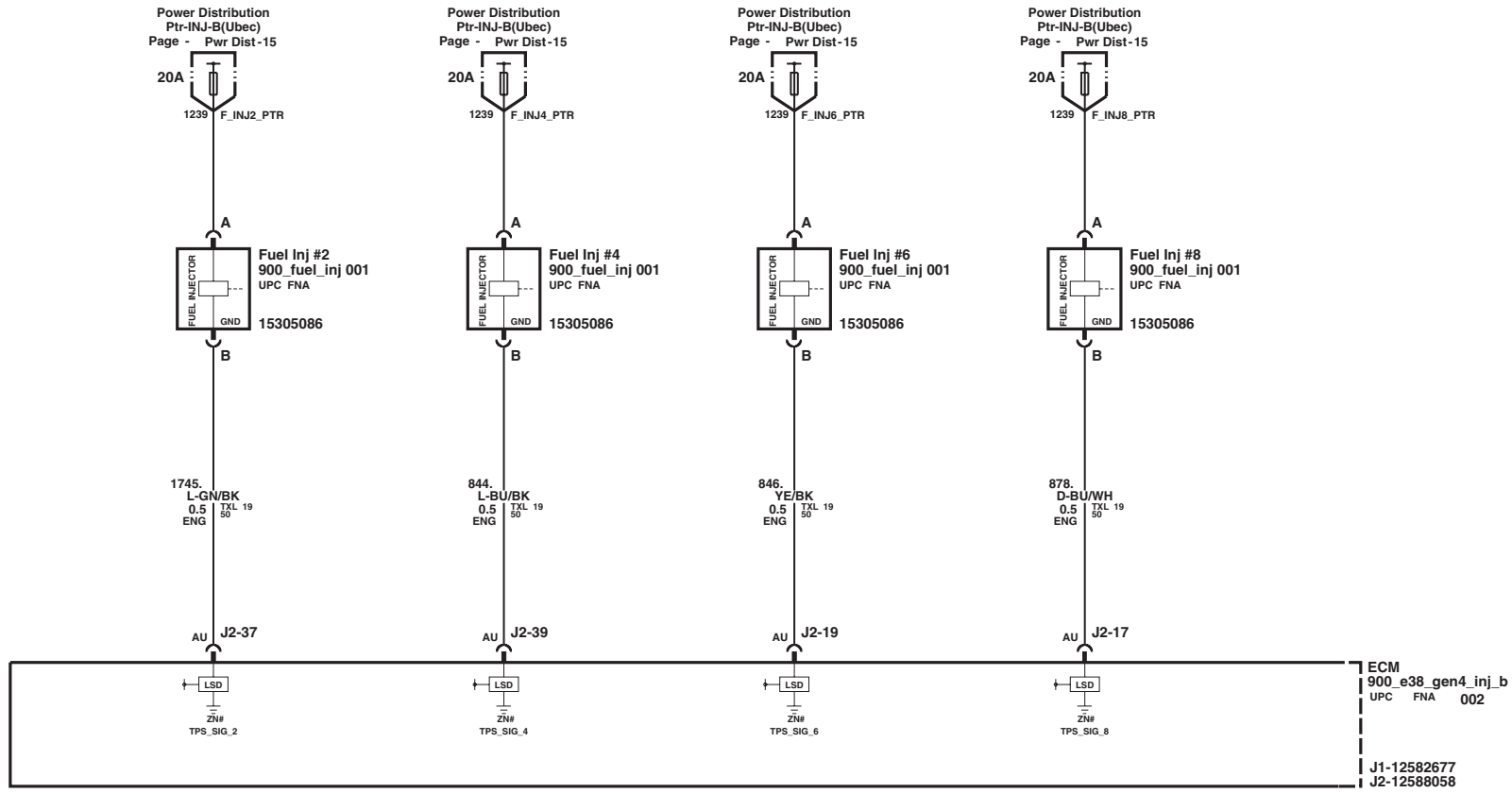
GM Proprietary

Engine Controls: Gas – V8



Engine Controls: Gas - V8	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE	
Released 07 GMT900	1_07_eng_ctrl_v8	013	SSF	1		8:34:00 am	GMT900	&L76/L92/LC9/LH6/LMG/LY2/LY5/LY6	GM Proprietary
Panel Set: 8 of 16 schematic sheet1 6	$IVEDWORK/1_07_eng_ctrl_v8__013				Tuesday, November 29, 2005		Panel Set: 8		

Engine Controls: Gas – V8



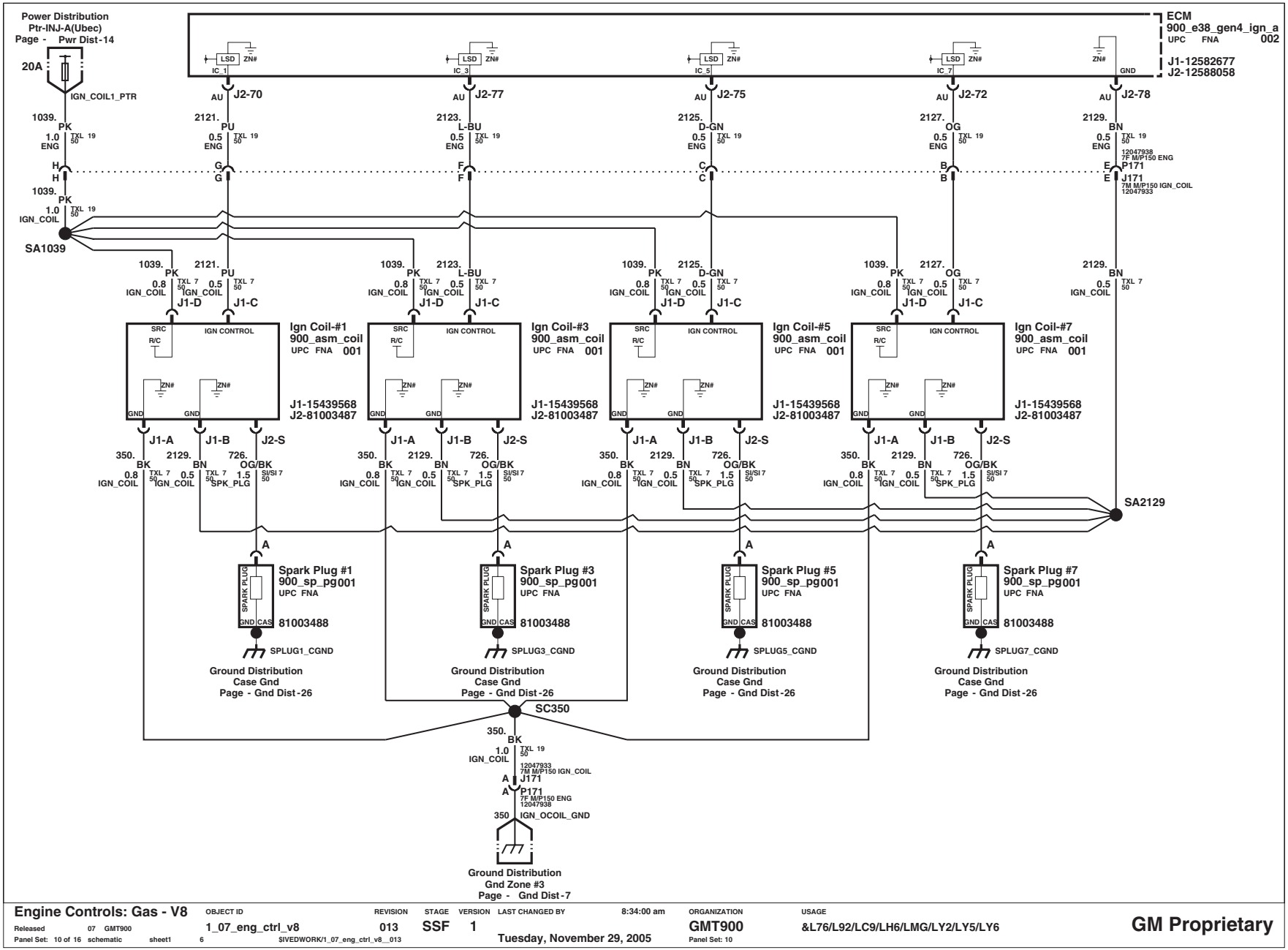
Engine Controls: Gas - V8

Released 07 GMT900 Panel Set: 9 of 16 schematic sheet1 6

OBJECT ID: 1_07_eng_ctrl_v8 | REVISION: 013 | STAGE: SSF | VERSION: 1 | LAST CHANGED BY: $IVEDWORK/1_07_eng_ctrl_v8__013 | 8:34:00 am Tuesday, November 29, 2005 | ORGANIZATION: GMT900 Panel Set: 9 | USAGE: &L76/L92/LC9/LH6/LMG/LY2/LY5/LY6

GM Proprietary

Engine Controls: Gas – V8



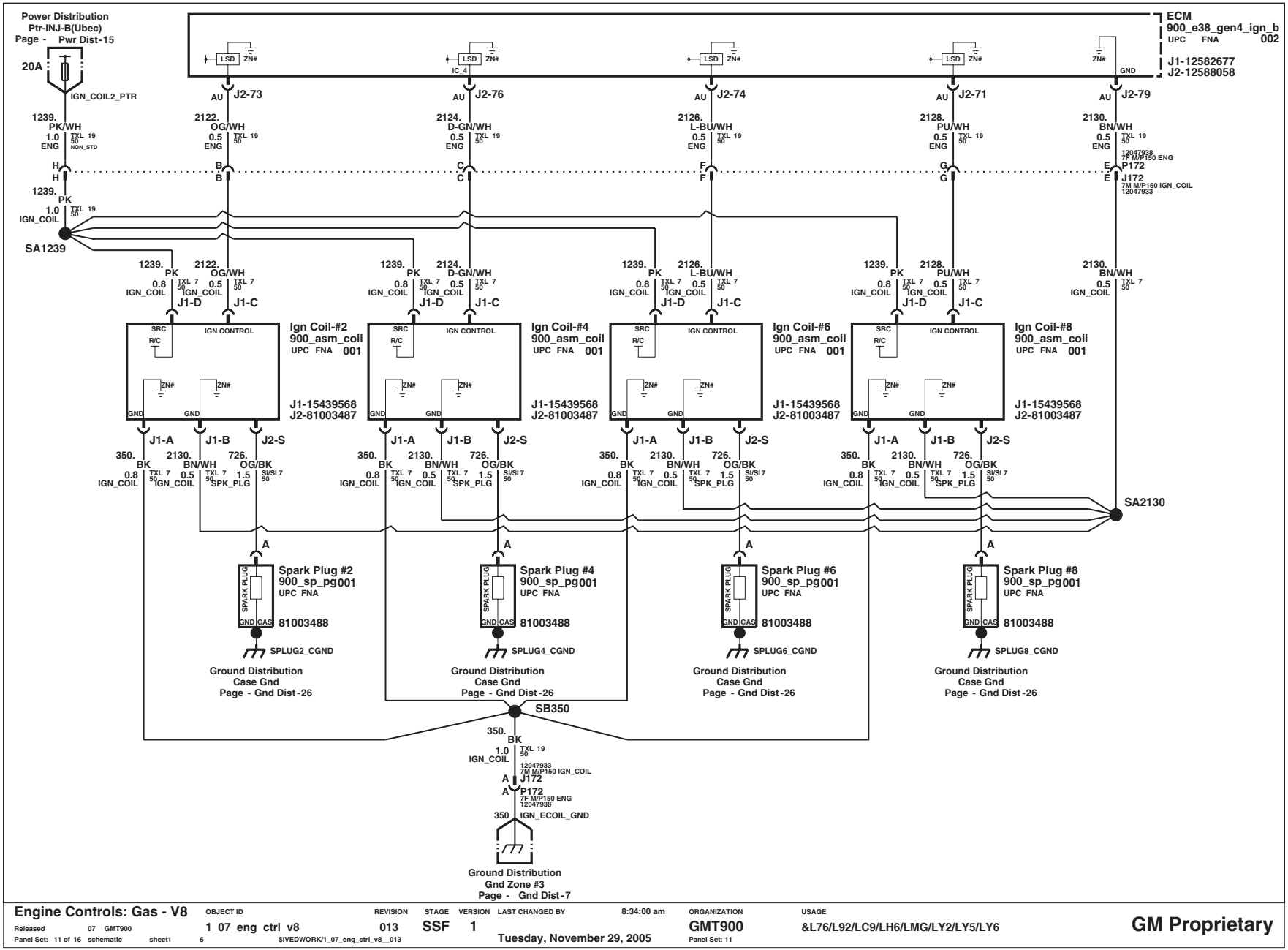
Engine Controls: Gas - V8

OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
1_07_eng_ctrl_v8	013	SSF	1	8:34:00 am Tuesday, November 29, 2005		GMT900	&L76/L92/LC9/LH6/LMG/LY2/LY5/LY6

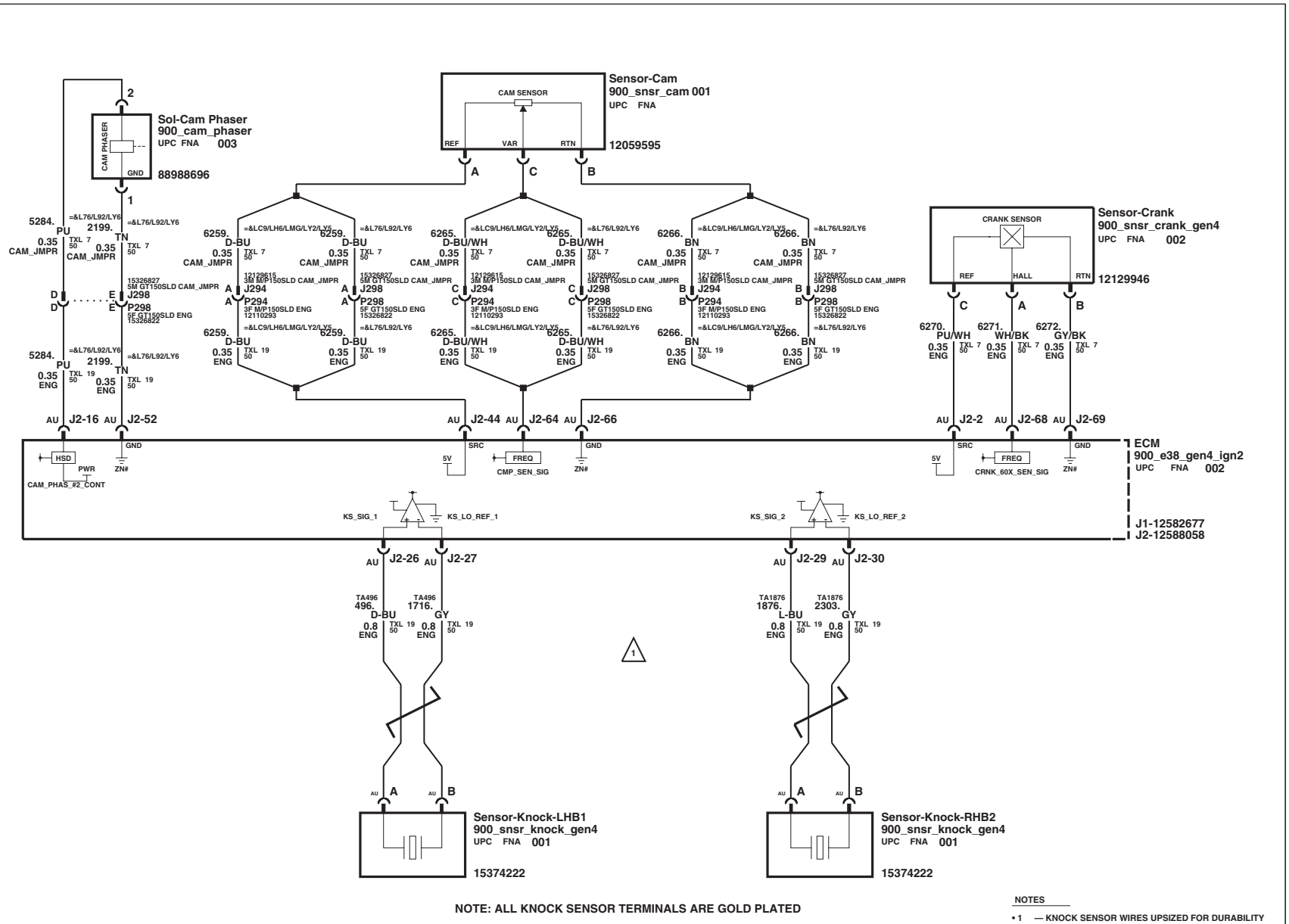
Released 07 GMT900 — Panel Set: 10 of 16 — schematic — sheet1 6 — $IVEDWORK/1_07_eng_ctrl_v8__013 — Panel Set: 10

GM Proprietary

Engine Controls: Gas – V8



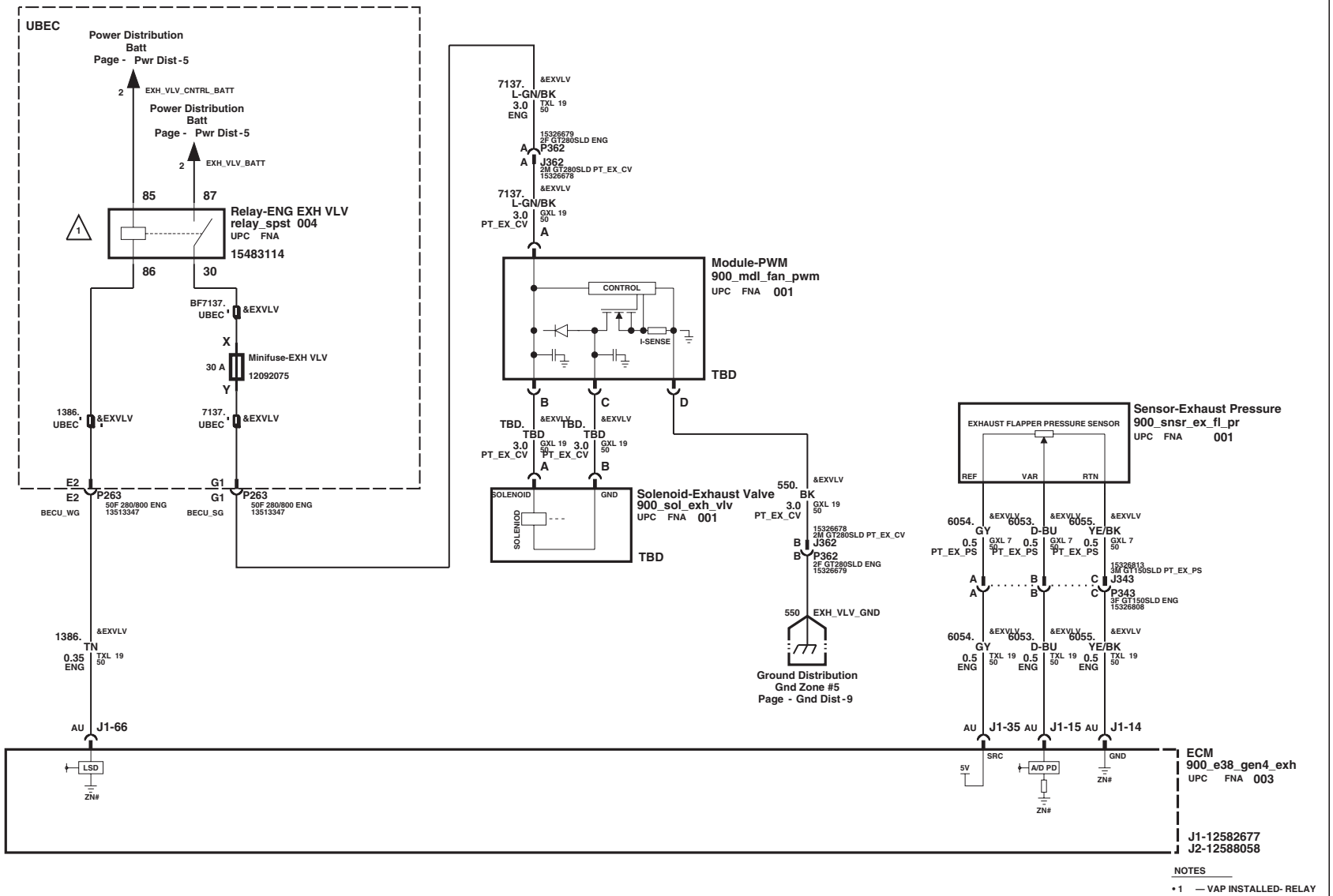
Engine Controls: Gas – V8



Engine Controls: Gas - V8	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Released 07 GMT900	1_07_eng_ctrl_v8	013	SSF	1		8:34:00 am	GMT900	&L76/L92/LC9/LH6/LMG/LY2/LY5/LY6
Panel Set: 12 of 16 schematic sheet1 6	$IVEDWORK/1_07_eng_ctrl_v8__013				Tuesday, November 29, 2005		Panel Set: 12	

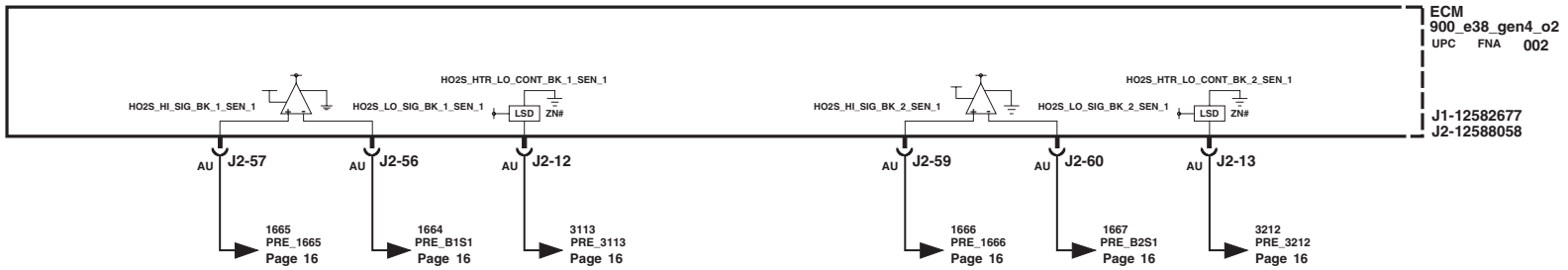
GM Proprietary

Engine Controls: Gas – V8



Engine Controls: Gas - V8	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE	
Released 07 GMT900	1_07_eng_ctrl_v8	013	SSF	1		8:34:00 am	GMT900	&L76/L92/LC9/LH6/LMG/LY2/LY5/LY6	GM Proprietary
Panel Set: 13 of 16 schematic sheet1 6	$IVEDWORK/1_07_eng_ctrl_v8__013				Tuesday, November 29, 2005		Panel Set: 13		

Engine Controls: Gas – V8



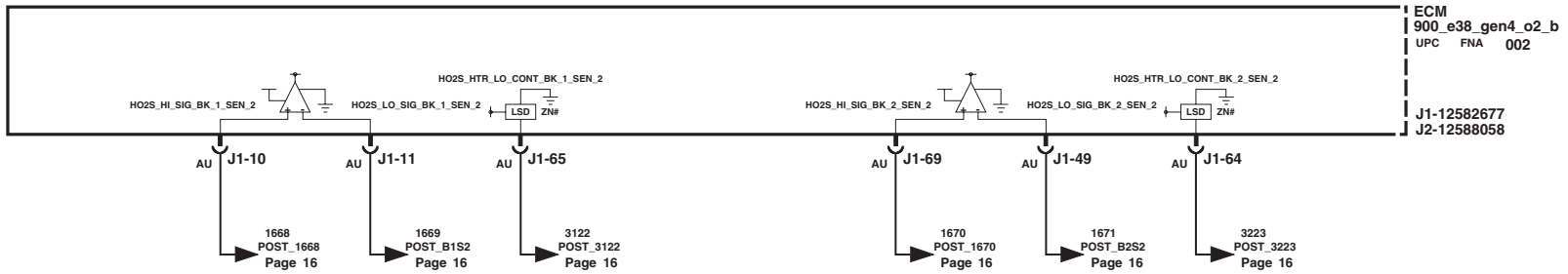
Engine Controls: Gas - V8

OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
1_07_eng_ctrl_v8	013	SSF	1		8:34:00 am	GMT900	&L76/L92/LC9/LH6/LMG/LY2/LY5/LY6

Released 07 GMT900 | Panel Set: 14 of 16 | schematic | sheet1 | 6 | $IVEDWORK/1_07_eng_ctrl_v8__013 | Tuesday, November 29, 2005 | Panel Set: 14

GM Proprietary

Engine Controls: Gas – V8



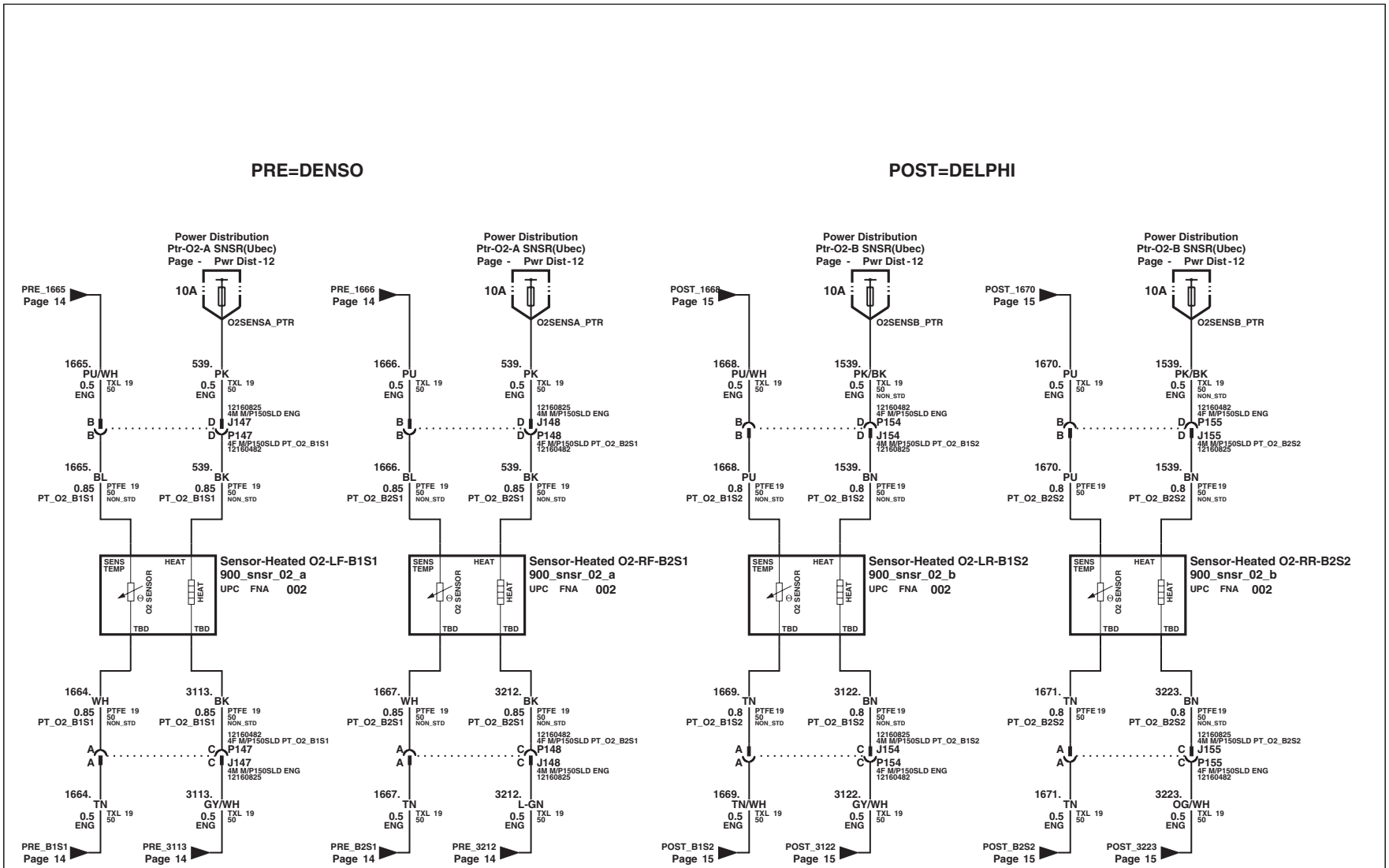
Engine Controls: Gas - V8

OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
1_07_eng_ctrl_v8	013	SSF	1		8:34:00 am	GMT900	&L76/L92/LC9/LH6/LMG/LY2/LY5/LY6

Released 07 GMT900 | Panel Set: 15 of 16 schematic sheet1 6 | $IVEDWORK/1_07_eng_ctrl_v8__013 | Tuesday, November 29, 2005 | Panel Set: 15

GM Proprietary

Engine Controls: Gas – V8

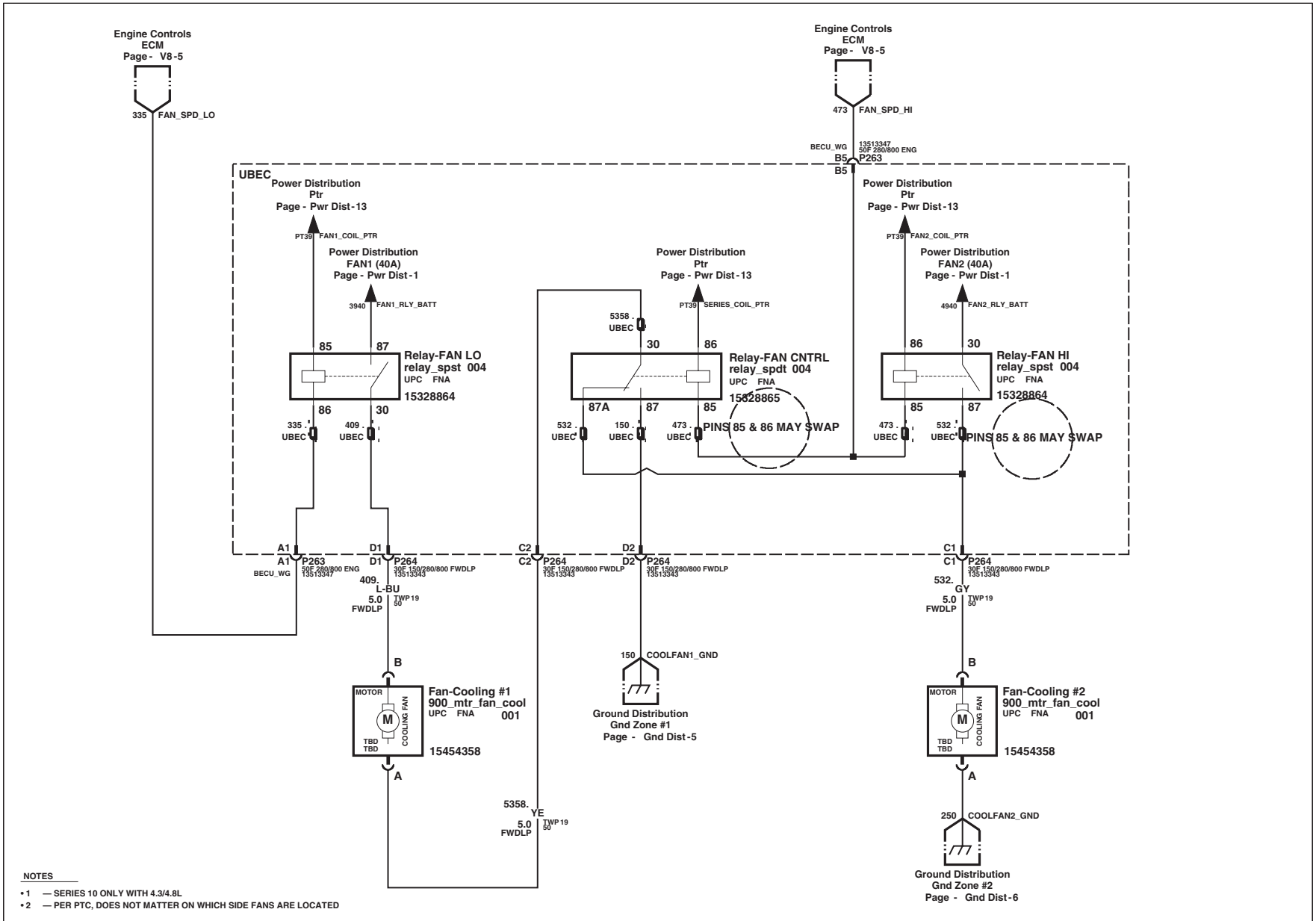


Engine Controls: Gas - V8 | OBJECT ID: 1_07_eng_ctrl_v8 | REVISION: 013 | STAGE: SSF | VERSION: 1 | LAST CHANGED BY: 8:34:00 am Tuesday, November 29, 2005 | ORGANIZATION: GMT900 | USAGE: &L76/L92/LC9/LH6/LMG/LY2/LY5/LY6

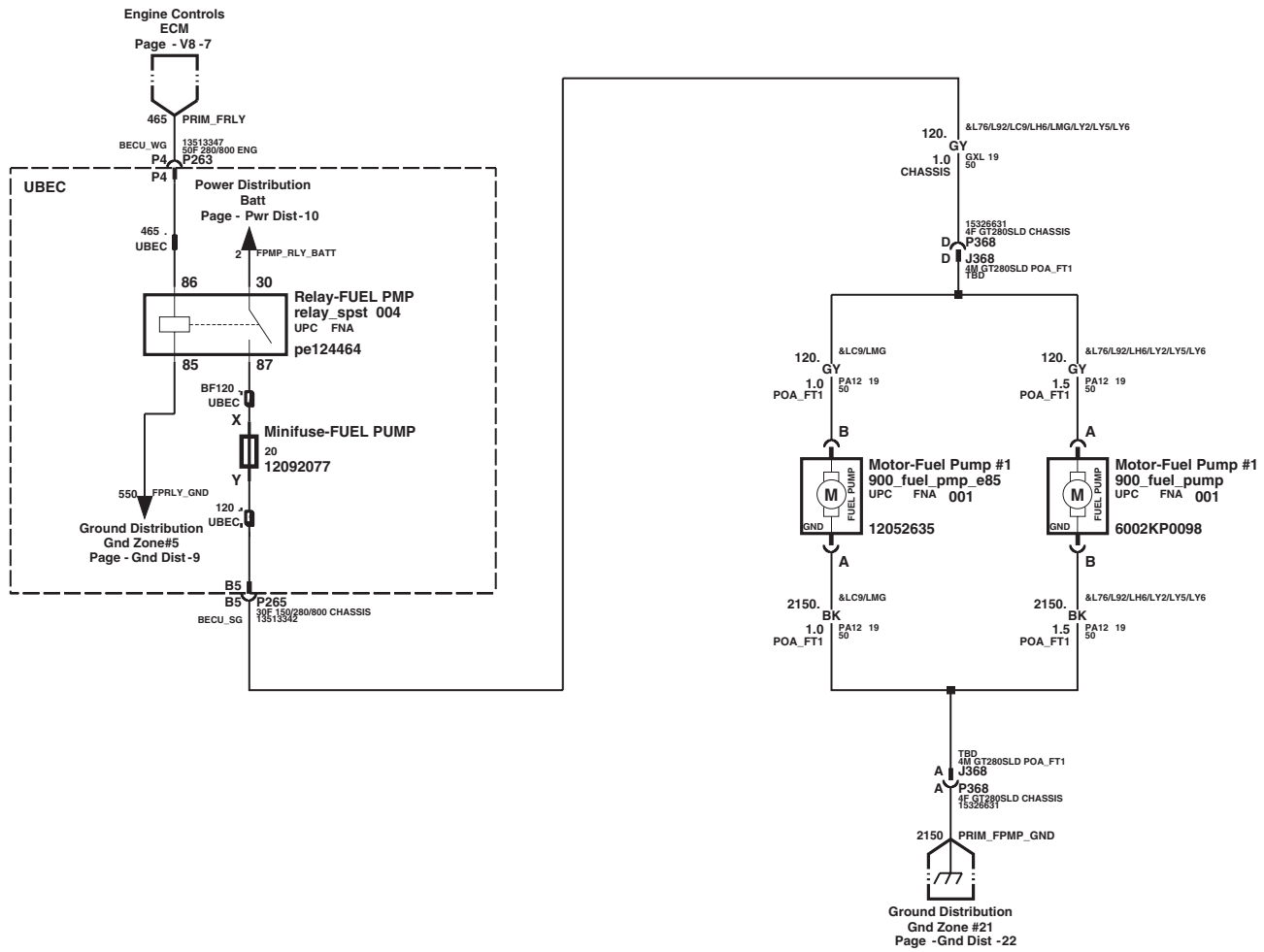
Released 07 GMT900 | Panel Set: 16 of 16 schematic sheet1 6 $IVEDWORK/1_07_eng_ctrl_v8__013 | Panel Set: 16

GM Proprietary

Fan Controls: Electric – Dual

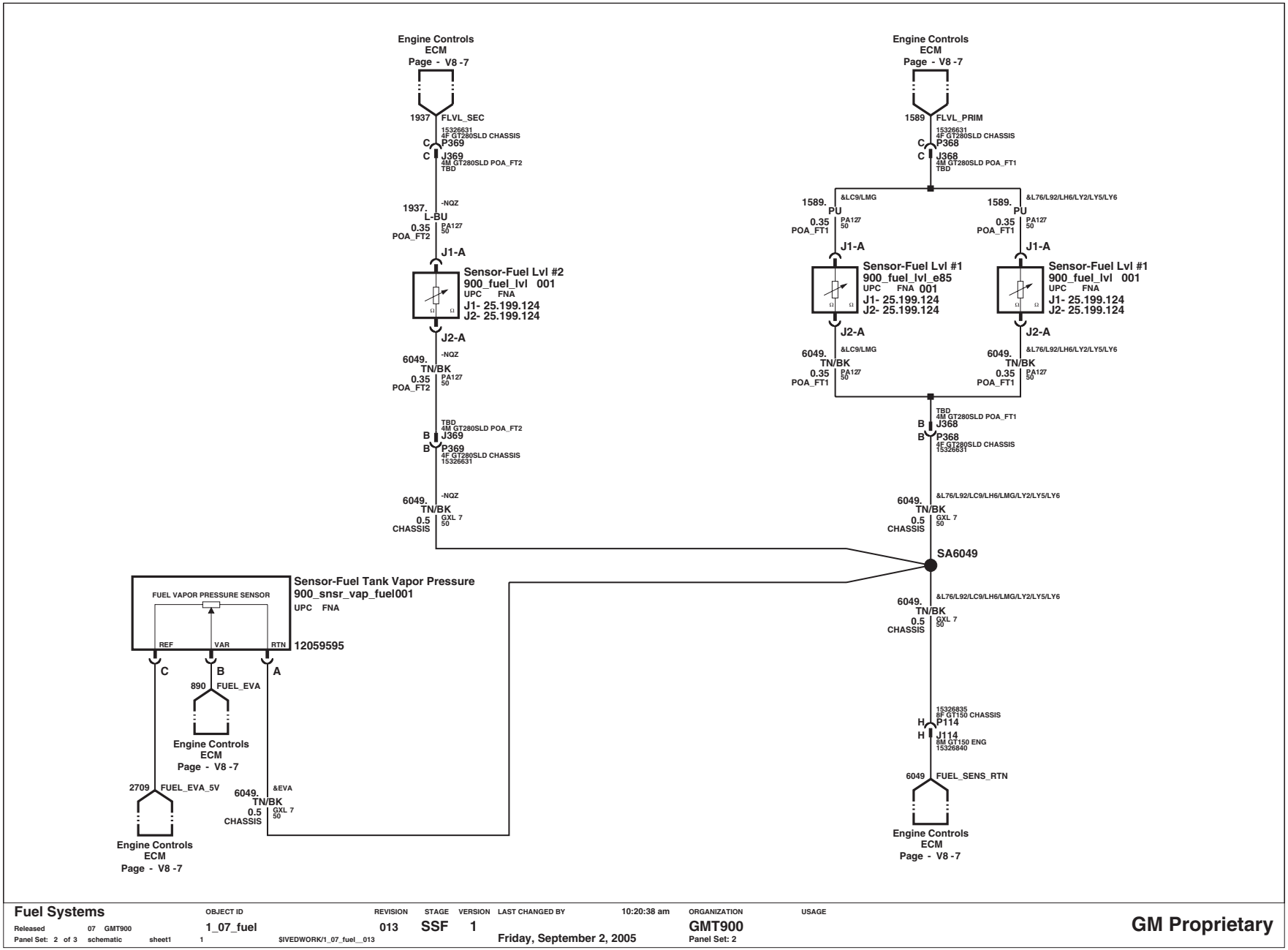

Engine Controls ECM Page - V8-5
335 FAN_SPD_LO
Engine Controls ECM Page - V8-5
473 FAN_SPD_HI
BECU_WG 13513347 50F 280/800 ENG
B5 P263
B5
UBEC
Power Distribution Ptr Page - Pwr Dist-13
PT39 FAN1_COIL_PTR
Power Distribution FAN1 (40A) Page - Pwr Dist-1
3940 FAN1_RLY_BATT
Power Distribution Ptr Page - Pwr Dist-13
PT39 SERIES_COIL_PTR
Power Distribution Ptr Page - Pwr Dist-13
PT39 FAN2_COIL_PTR
Power Distribution FAN2 (40A) Page - Pwr Dist-1
4940 FAN2_RLY_BATT
Relay-FAN LO relay_spst 004 UPC FNA 15328864
Relay-FAN CNTRL relay_spdt 004 UPC FNA 15328865
Relay-FAN HI relay_spst 004 UPC FNA 15328864
PINS 85 & 86 MAY SWAP
PINS 85 & 86 MAY SWAP
A1 P263 50F 280/800 ENG 13513347 BECU_WG
D1 P264 30F 150/280/800 FWDLP 13513343
C2 P264 30F 150/280/800 FWDLP 13513343
D2 P264 30F 150/280/800 FWDLP 13513343
C1 P264 30F 150/280/800 FWDLP 13513343
409. L-BU 5.0 FWDLP TWP 19 50
532. GY 5.0 FWDLP TWP 19 50
5358. YE 5.0 FWDLP TWP 19 50
150 COOLFAN1_GND
250 COOLFAN2_GND
Ground Distribution Gnd Zone #1 Page - Gnd Dist-5
Ground Distribution Gnd Zone #2 Page - Gnd Dist-6
Fan-Cooling #1 900_mtr_fan_cool UPC FNA 001 15454358
Fan-Cooling #2 900_mtr_fan_cool UPC FNA 001 15454358
MOTOR M COOLING FAN TBD TBD
NOTES
• 1 — SERIES 10 ONLY WITH 4.3/4.8L
• 2 — PER PTC, DOES NOT MATTER ON WHICH SIDE FANS ARE LOCATED
Fan Controls: Electric - Dual OBJECT ID 1_07_fan_elec_dual_bec REVISION 013 STAGE SSF VERSION 1 LAST CHANGED BY 10:20:20 am Friday, September 2, 2005 ORGANIZATION GMT900 USAGE &SERIES10
Released 07 GMT900 Panel Set: 1 of 1 schematic sheet1 1 $IVEDWORK/1_07_fan_elec_dual_bec__013 Panel Set: 1
GM Proprietary

Fuel Systems



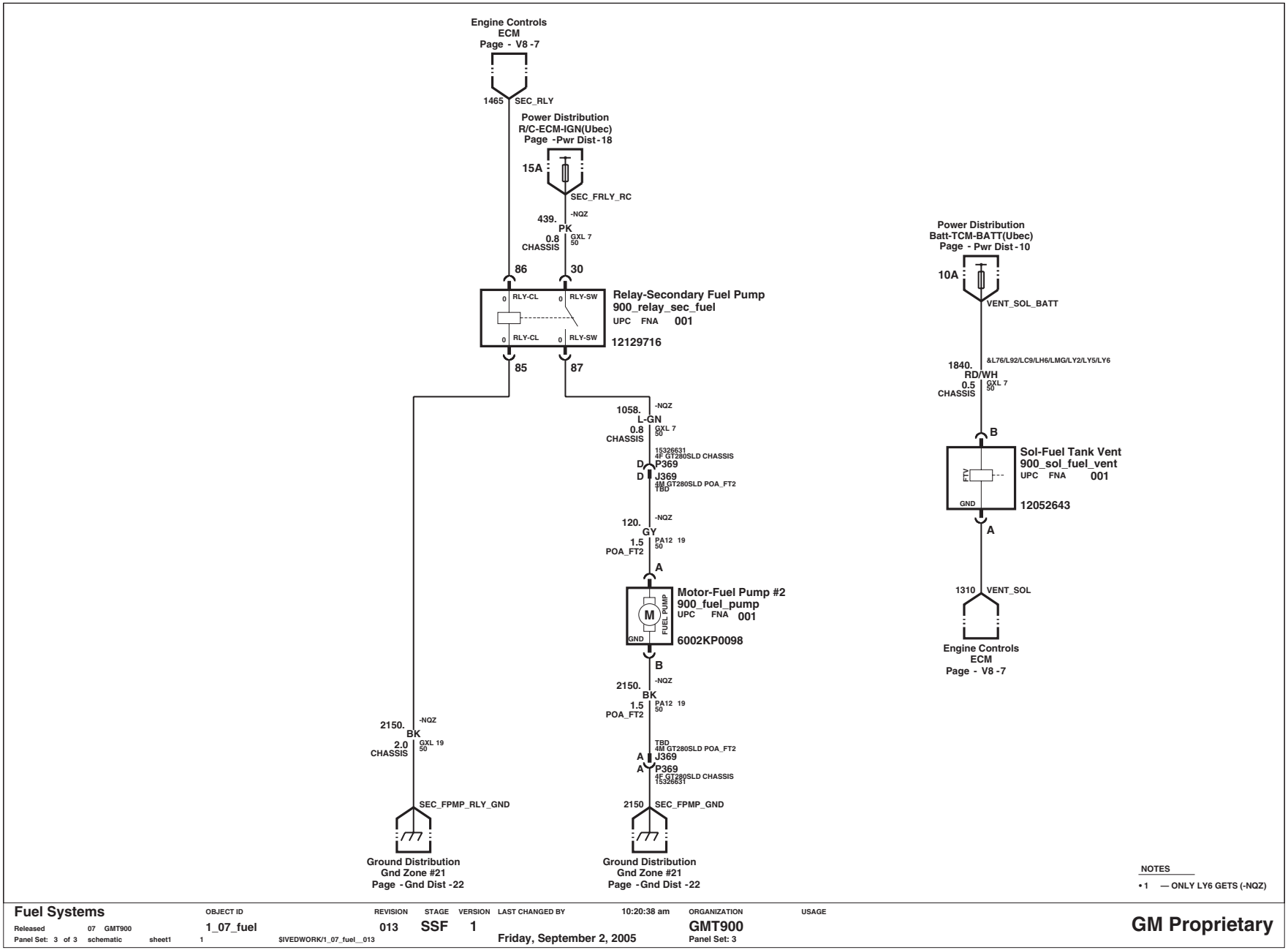
Fuel Systems	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Released 07 GMT900	1_07_fuel	013	SSF	1		10:20:38 am	GMT900	GM Proprietary
Panel Set: 1 of 3 schematic sheet1 1	$IVEDWORK/1_07_fuel__013				Friday, September 2, 2005			

Fuel Systems



Fuel Systems	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Released 07 GMT900	1_07_fuel	013	SSF	1		10:20:38 am	GMT900	GM Proprietary
Panel Set: 2 of 3 schematic sheet1 1	$IVEDWORK/1_07_fuel__013				Friday, September 2, 2005		Panel Set: 2	

Fuel Systems



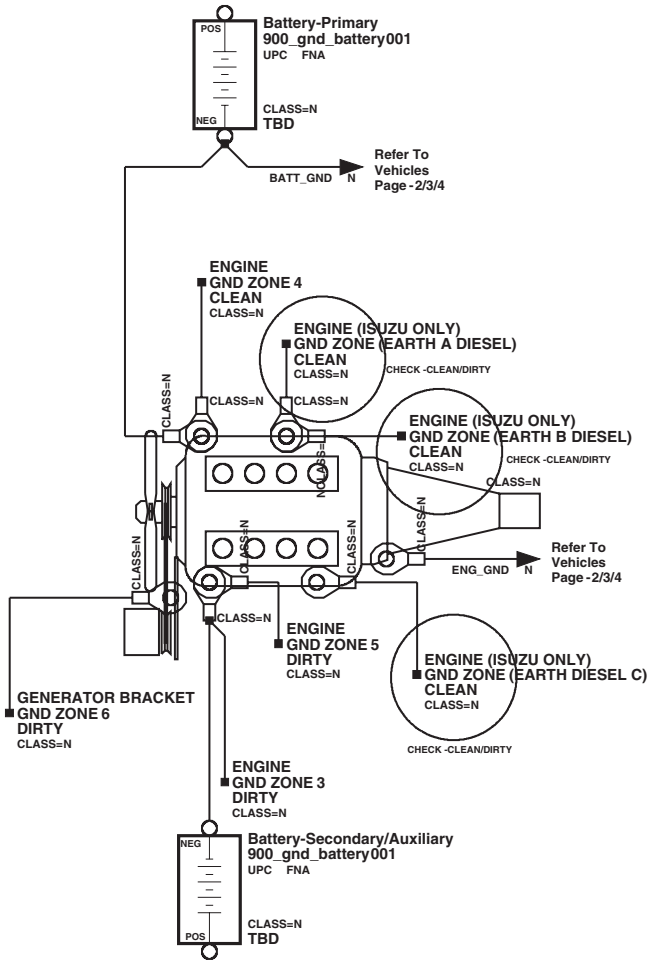
Fuel Systems

OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
1_07_fuel	013	SSF	1		10:20:38 am	GMT900	

Released 07 GMT900 | Panel Set: 3 of 3 | schematic | sheet1 | 1 | $IVEDWORK/1_07_fuel__013 | Friday, September 2, 2005 | Panel Set: 3

GM Proprietary

Ground Distribution

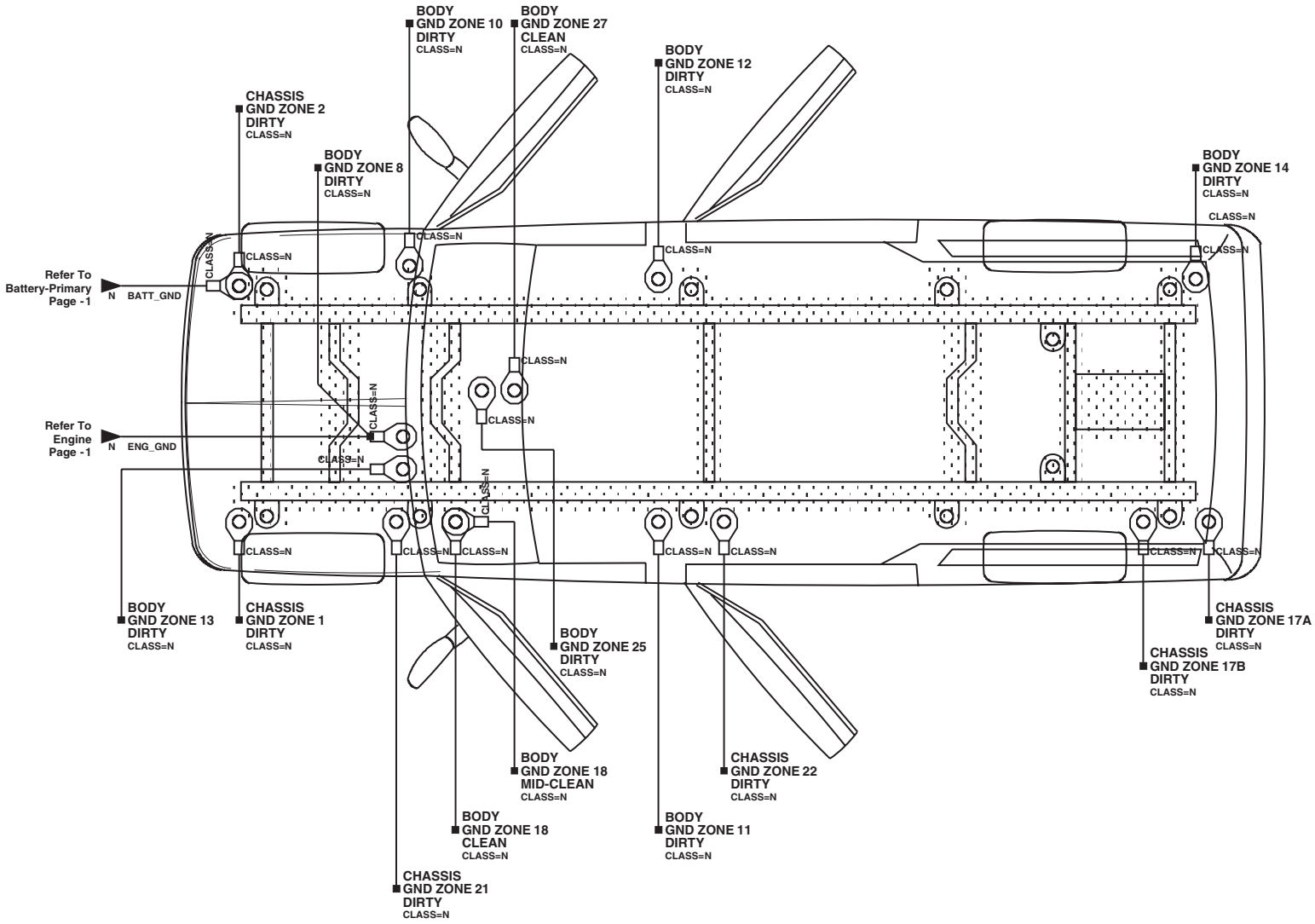


NOTES

- 1 — APPROXIMATE LOCATIONS SHOWN.
- 2 — "CLASS=N" IS AN IVED CONVENTION & SHOULDN'T BE CONFUSED AS DESIGN.

Ground Distribution	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	3:21:05 pm	ORGANIZATION	USAGE
Released 07 GMT900	1_07_gnd_dist	013	SSF	1			GMT900	GM Proprietary
Panel Set: 1 of 27 schematic sheet1 35	$IVEDWORK/1_07_gnd_dist__013				Friday, January 20, 2006			

Ground Distribution


BODY GND ZONE 10 DIRTY CLASS=N
BODY GND ZONE 27 CLEAN CLASS=N
BODY GND ZONE 12 DIRTY CLASS=N
CHASSIS GND ZONE 2 DIRTY CLASS=N
BODY GND ZONE 8 DIRTY CLASS=N
BODY GND ZONE 14 DIRTY CLASS=N
Refer To Battery-Primary Page -1
N BATT_GND
Refer To Engine Page -1
N ENG_GND
CLASS=N
BODY GND ZONE 13 DIRTY CLASS=N
CHASSIS GND ZONE 1 DIRTY CLASS=N
BODY GND ZONE 25 DIRTY CLASS=N
CHASSIS GND ZONE 17A DIRTY CLASS=N
CHASSIS GND ZONE 17B DIRTY CLASS=N
BODY GND ZONE 18 MID-CLEAN CLASS=N
CHASSIS GND ZONE 22 DIRTY CLASS=N
BODY GND ZONE 18 CLEAN CLASS=N
BODY GND ZONE 11 DIRTY CLASS=N
CHASSIS GND ZONE 21 DIRTY CLASS=N

NOTES

- 1 — APPROXIMATE LOCATIONS SHOWN.
- 2 — "CLASS=N" IS AN IVED CONVENTION & SHOULDN'T BE CONFUSED AS DESIGN.

Ground Distribution	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Released 07 GMT900	1_07_gnd_dist	013	SSF	1		3:21:05 pm	GMT900	GM Proprietary
Panel Set: 2 of 27 schematic sheet1 35	$IVEDWORK/1_07_gnd_dist_013				Friday, January 20, 2006			

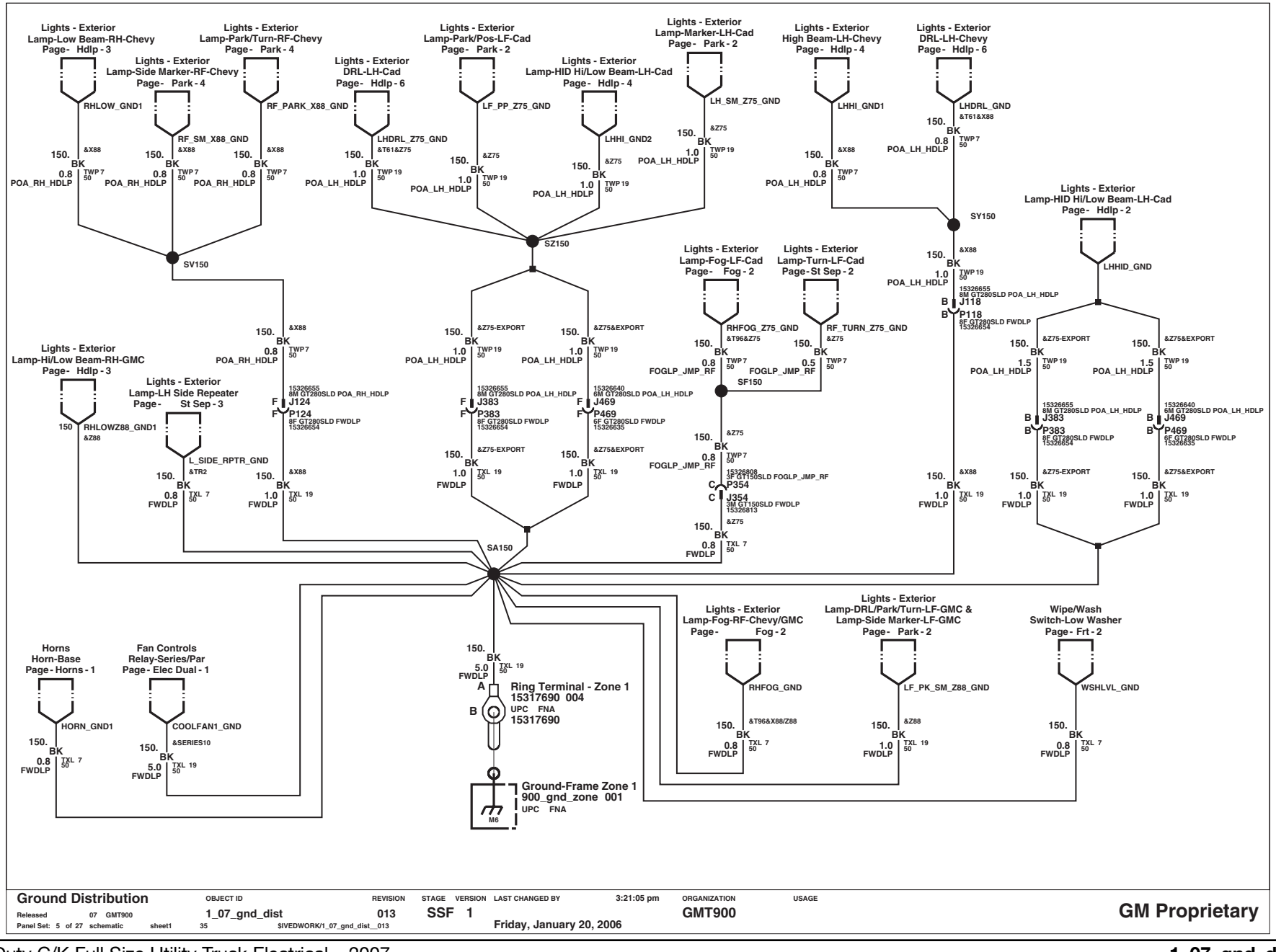
Ground Distribution

• PAGE RESERVED FOR PICKUPS

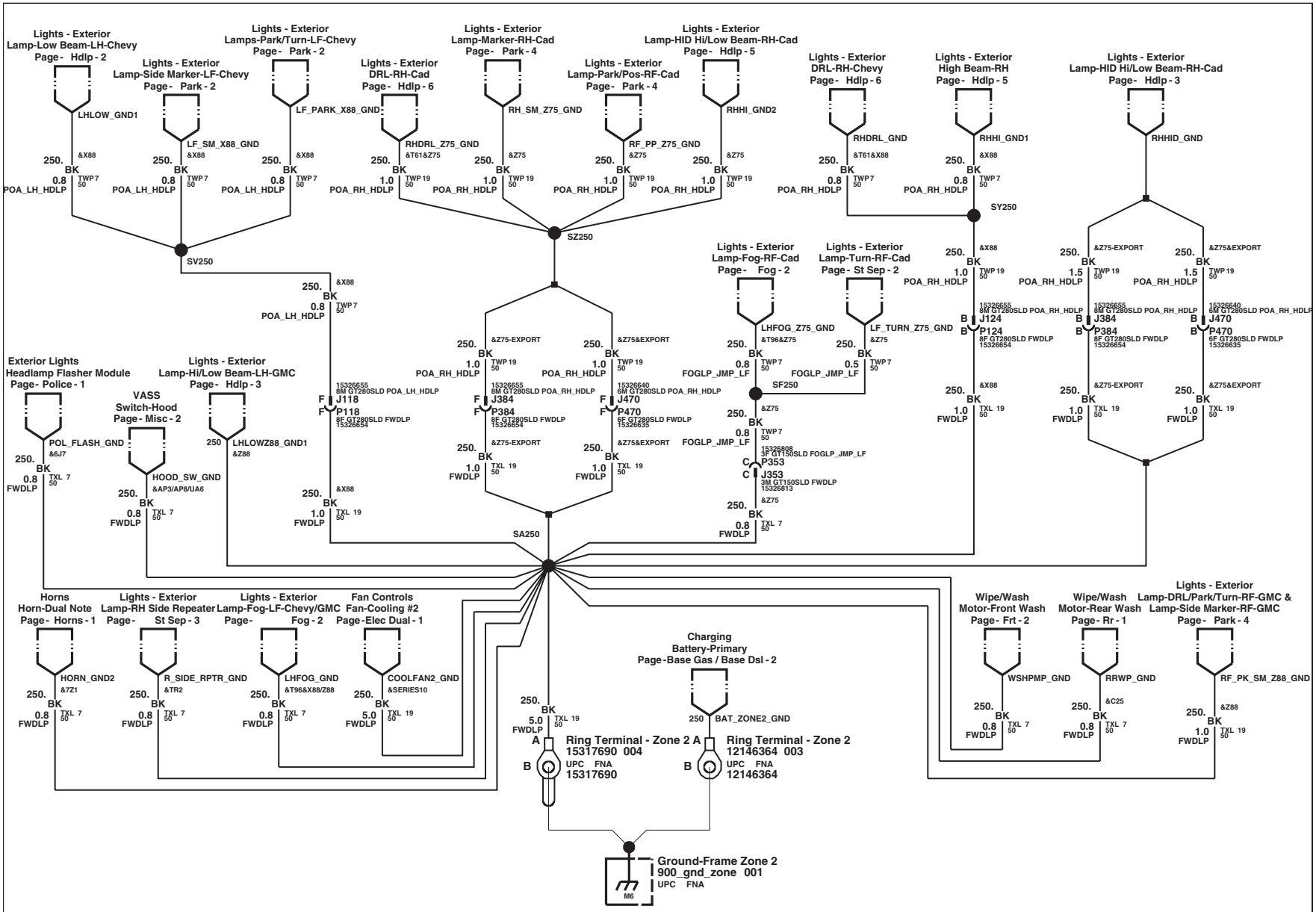
Ground Distribution

• PAGE RESERVED FOR PICKUPS

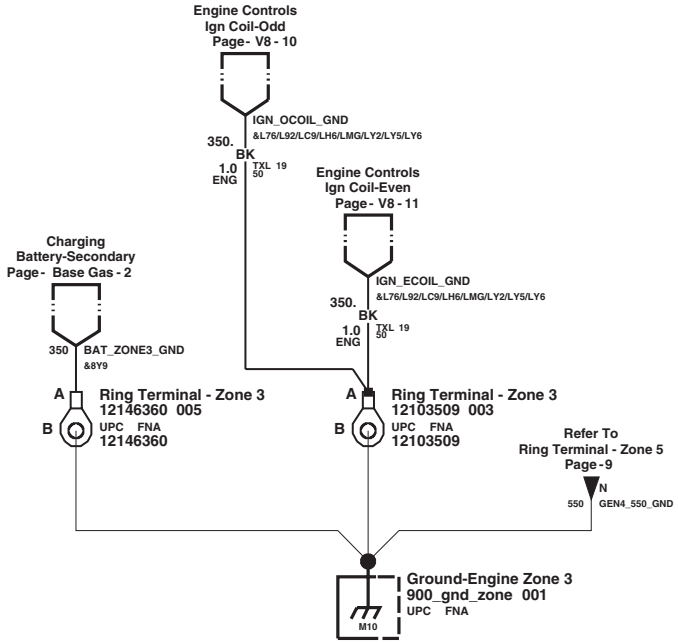
Ground Distribution



Ground Distribution

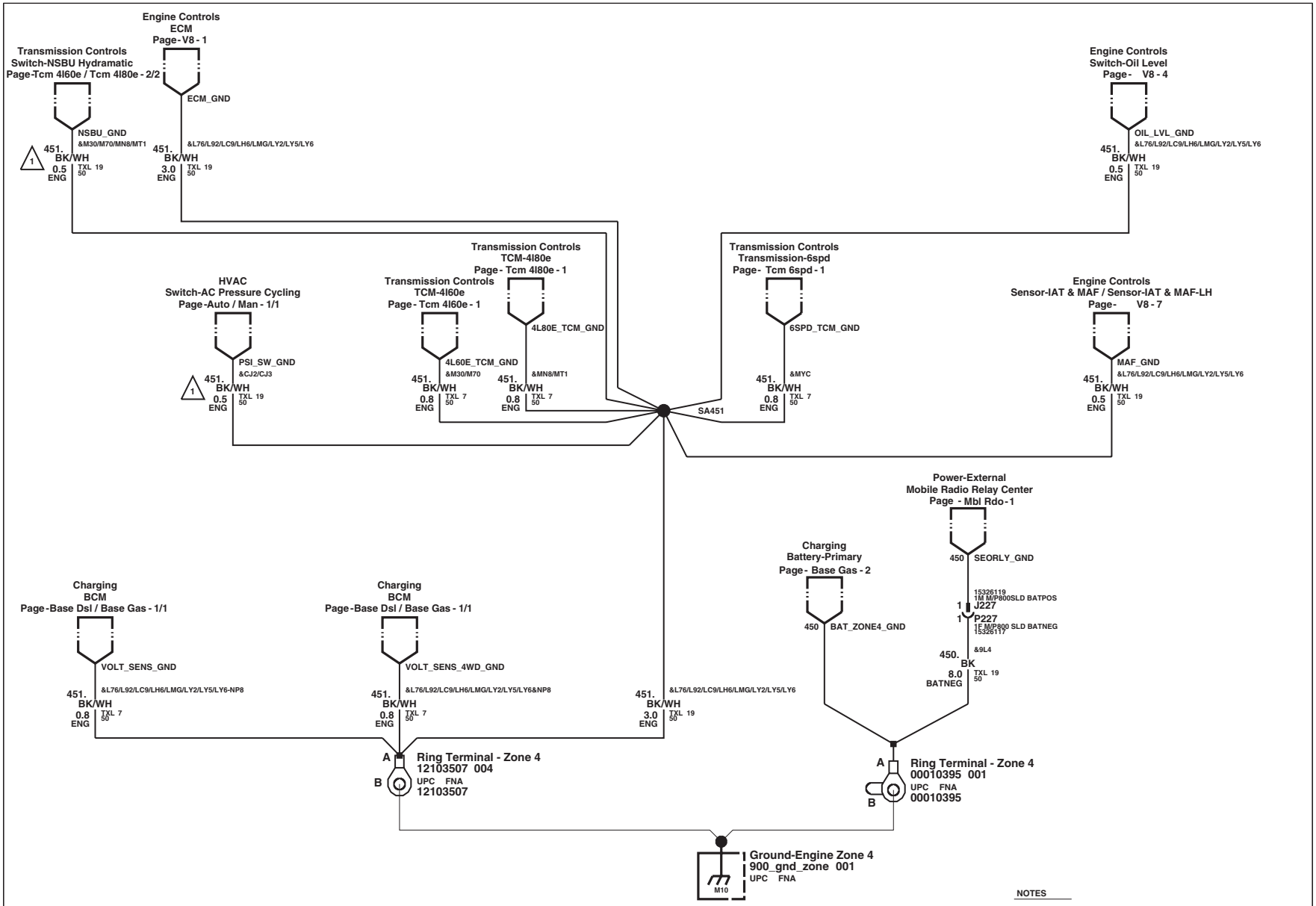


Ground Distribution

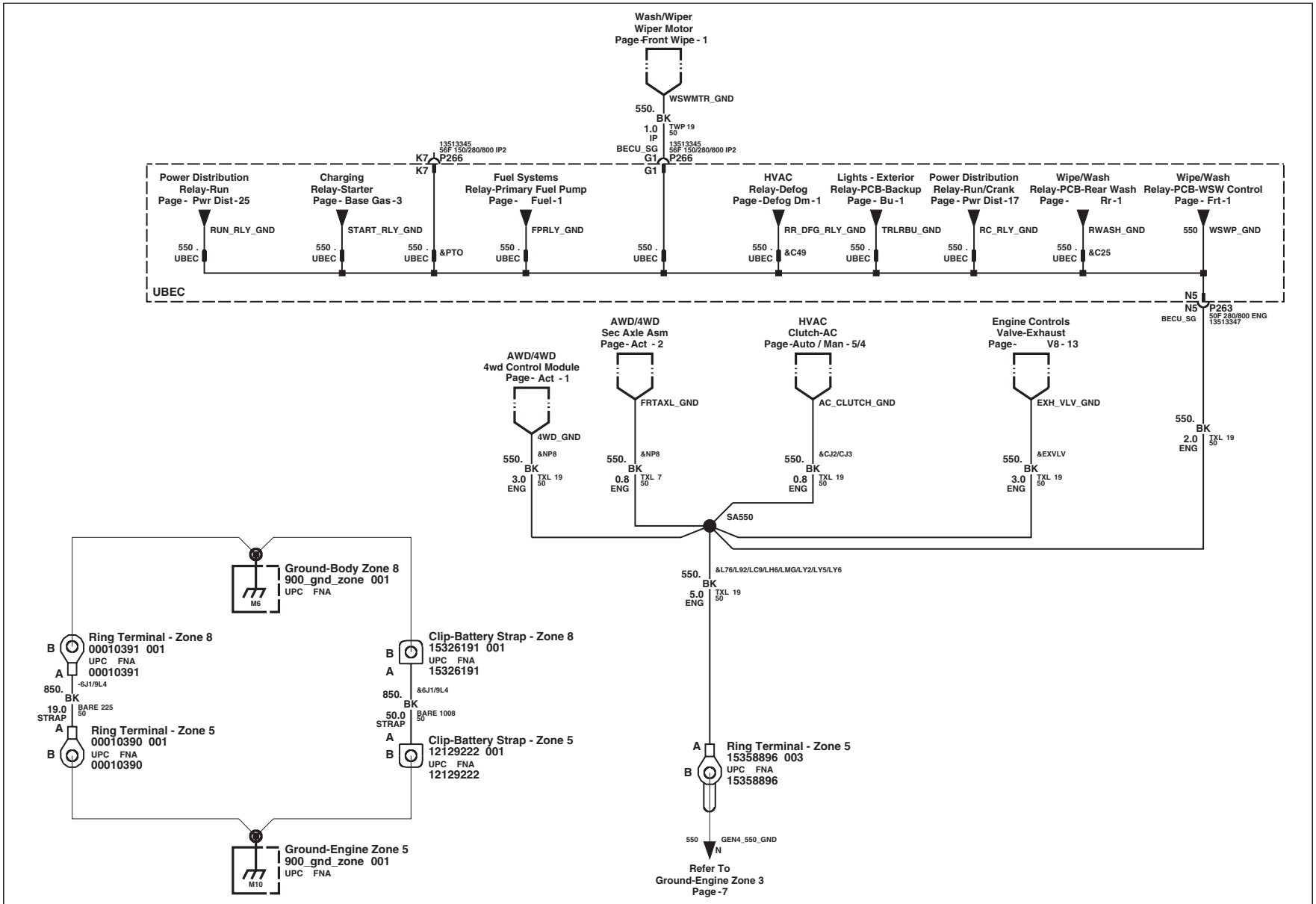


Ground Distribution	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Released 07 GMT900	1_07_gnd_dist	013	SSF	1		3:21:05 pm	GMT900	GM Proprietary
Panel Set: 7 of 27 schematic sheet1 35	$IVEDWORK/1_07_gnd_dist__013				Friday, January 20, 2006			

Ground Distribution

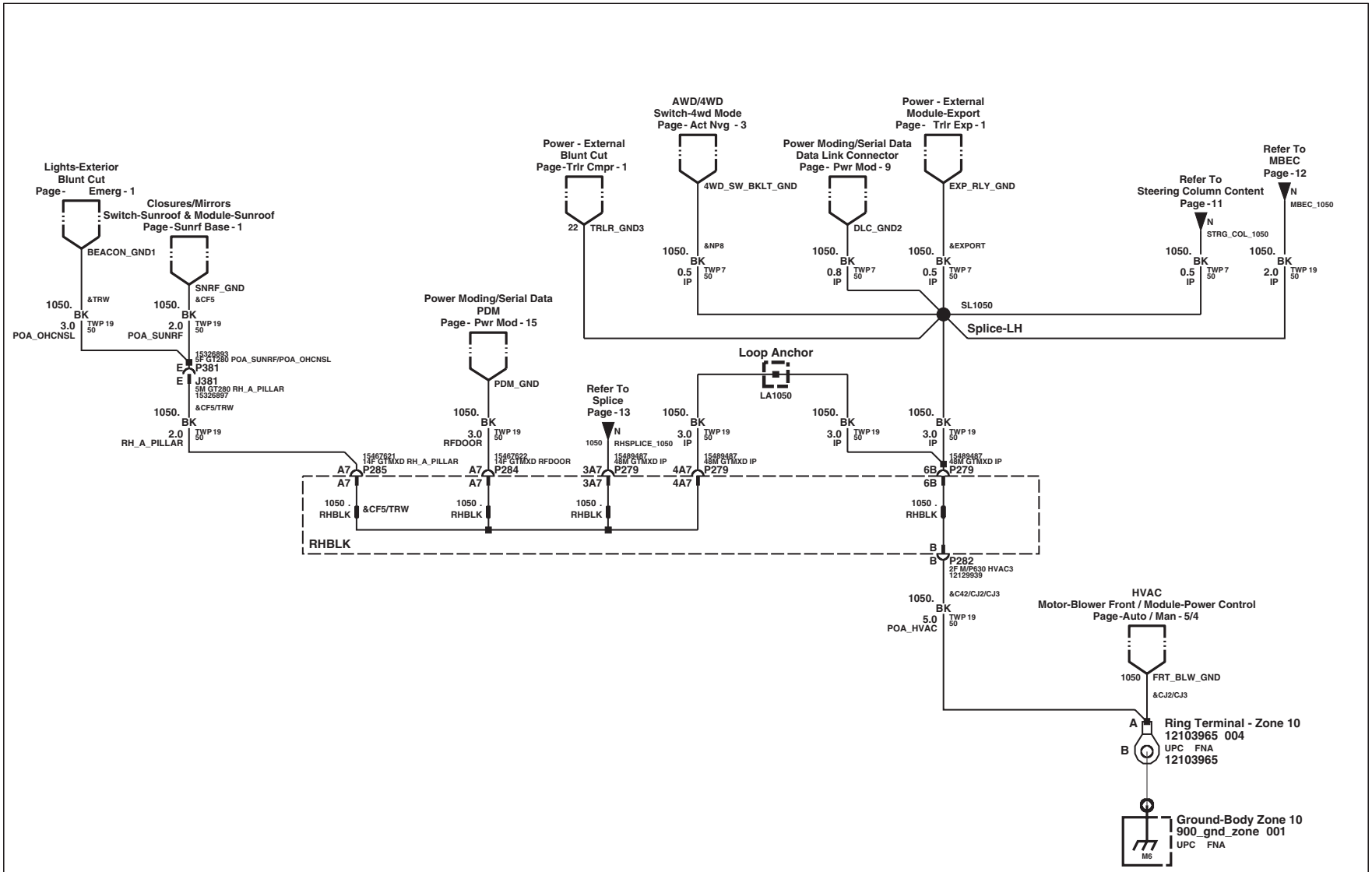


Ground Distribution



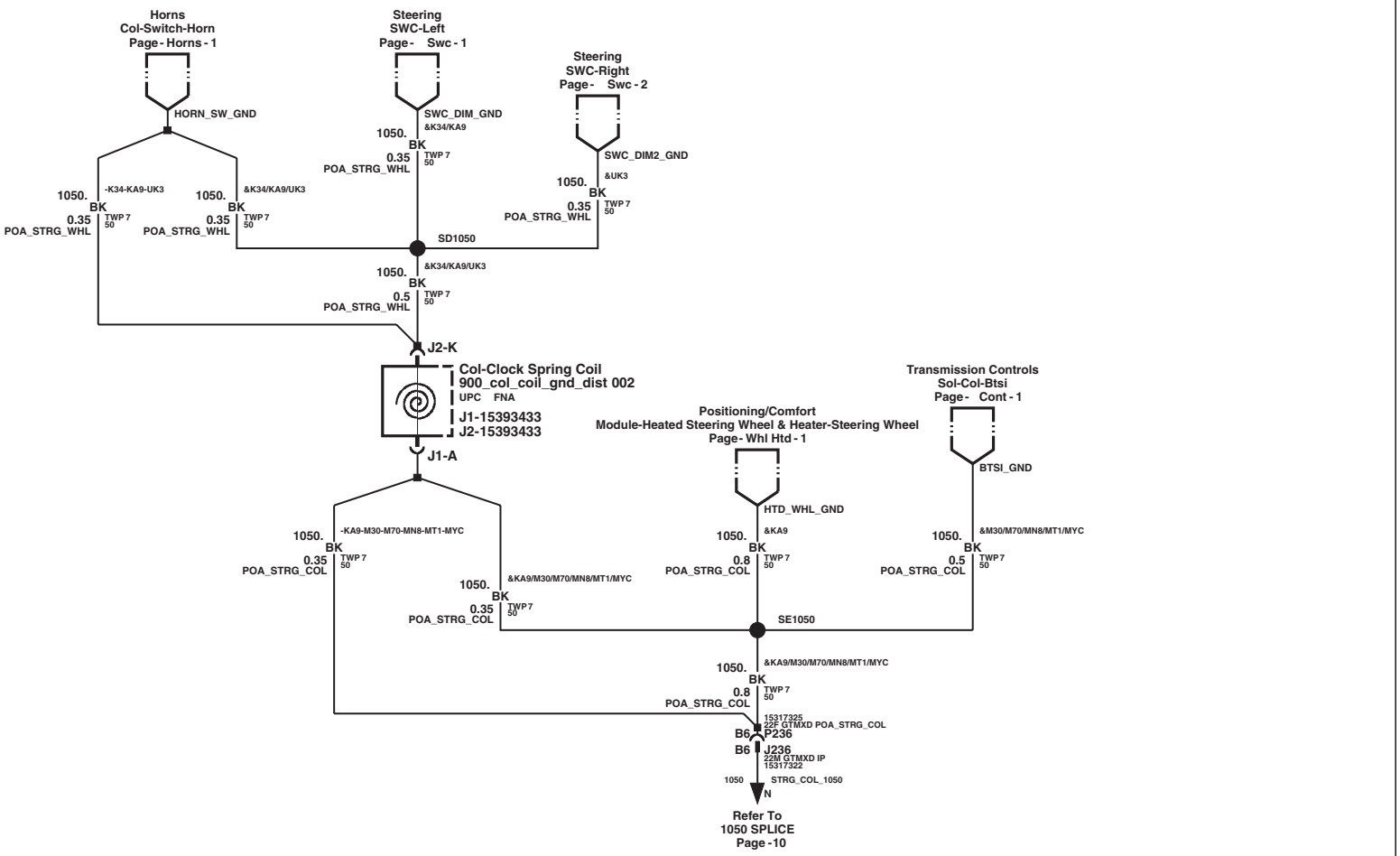
Ground Distribution	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Released 07 GMT900	1_07_gnd_dist	013	SSF	1		3:21:05 pm	GMT900	GM Proprietary
Panel Set: 9 of 27 schematic sheet1 35	$IVEDWORK/1_07_gnd_dist__013				Friday, January 20, 2006			

Ground Distribution



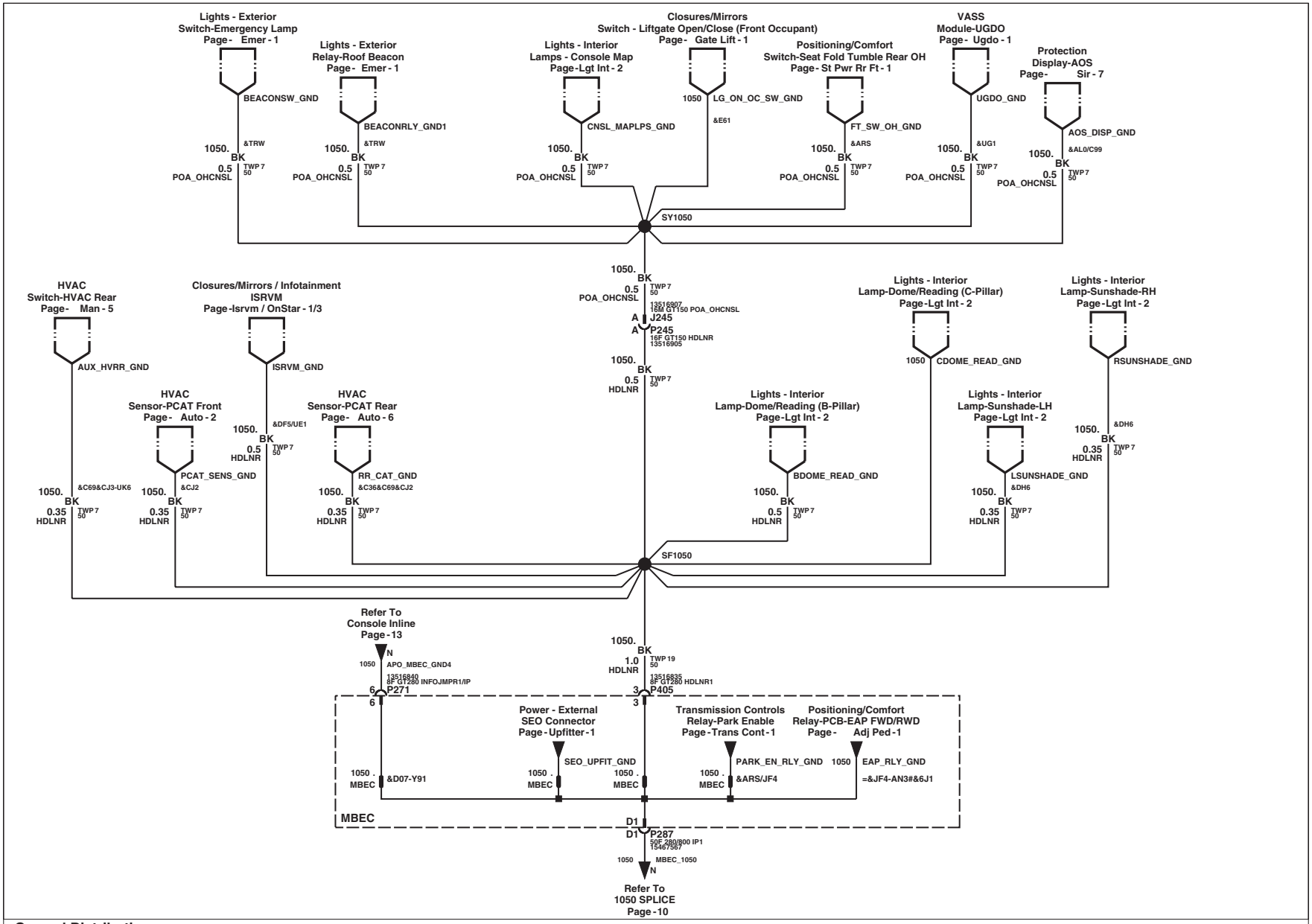
Ground Distribution	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Released 07 GMT900	1_07_gnd_dist	013	SSF	1		3:21:05 pm	GMT900	GM Proprietary
Panel Set: 10 of 27 schematic sheet1 35	$IVEDWORK/1_07_gnd_dist__013				Friday, January 20, 2006			

Ground Distribution



Ground Distribution	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	3:21:05 pm	ORGANIZATION	USAGE
Released 07 GMT900	1_07_gnd_dist	013	SSF	1			GMT900	GM Proprietary
Panel Set: 11 of 27 schematic sheet1 35	$IVEDWORK/1_07_gnd_dist__013				Friday, January 20, 2006			

Ground Distribution



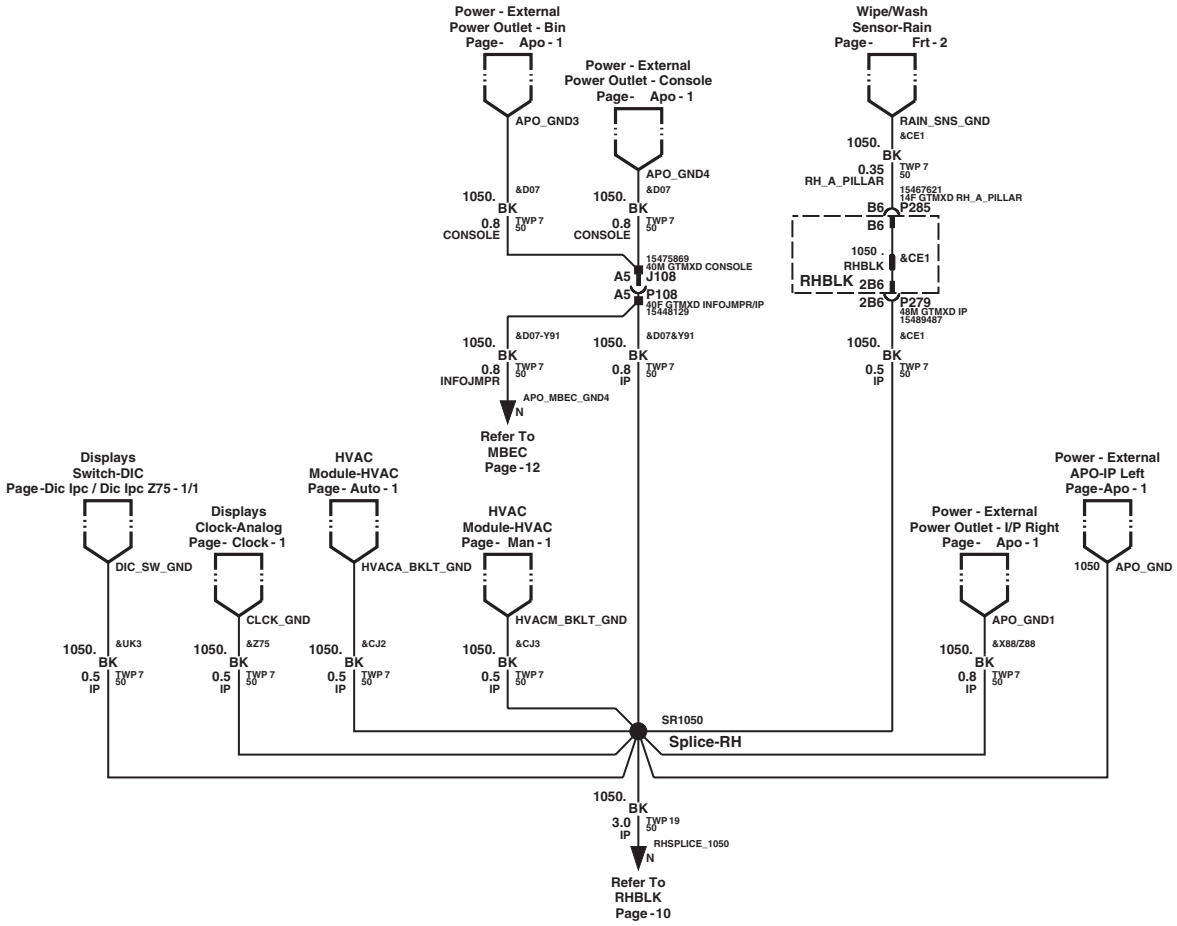
Ground Distribution

OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
1_07_gnd_dist	013	SSF	1		3:21:05 pm	GMT900	

Released 07 GMT900
Panel Set: 12 of 27 schematic sheet1 35 $IVEDWORK/1_07_gnd_dist__013
Friday, January 20, 2006

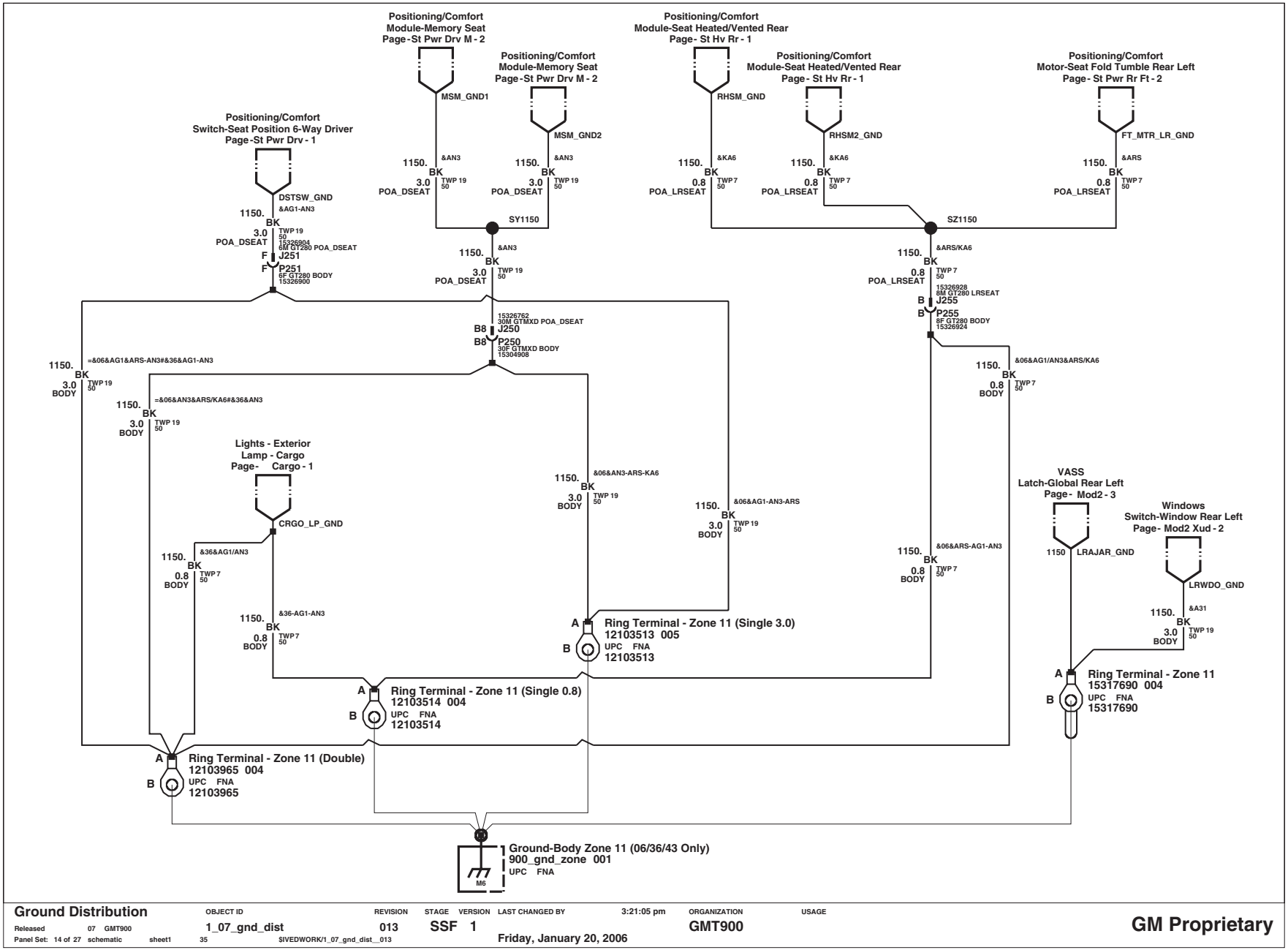
GM Proprietary

Ground Distribution

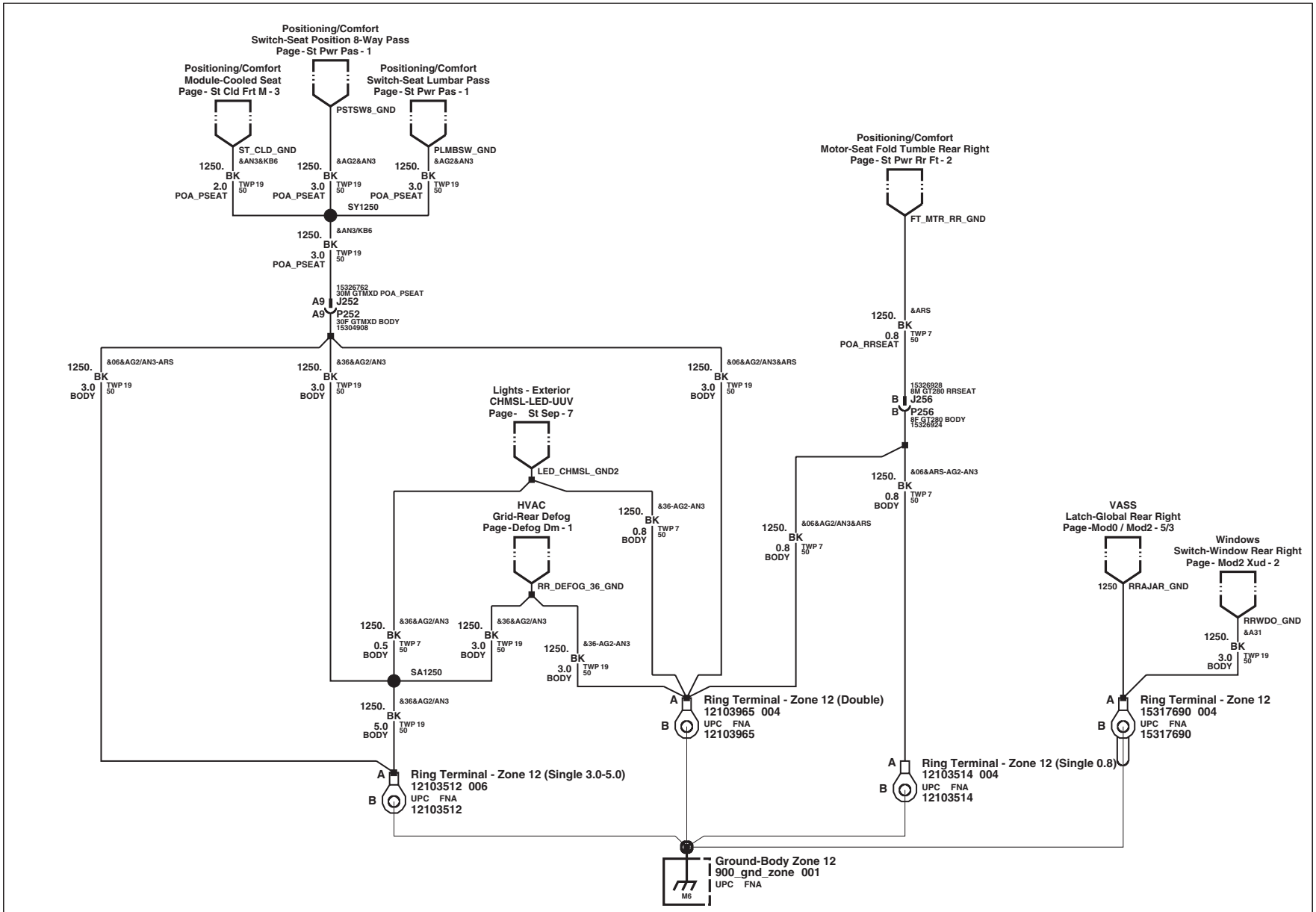


Ground Distribution	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Released 07 GMT900	1_07_gnd_dist	013	SSF	1		3:21:05 pm	GMT900	GM Proprietary
Panel Set: 13 of 27 schematic sheet1 35	$IVEDWORK/1_07_gnd_dist__013				Friday, January 20, 2006			

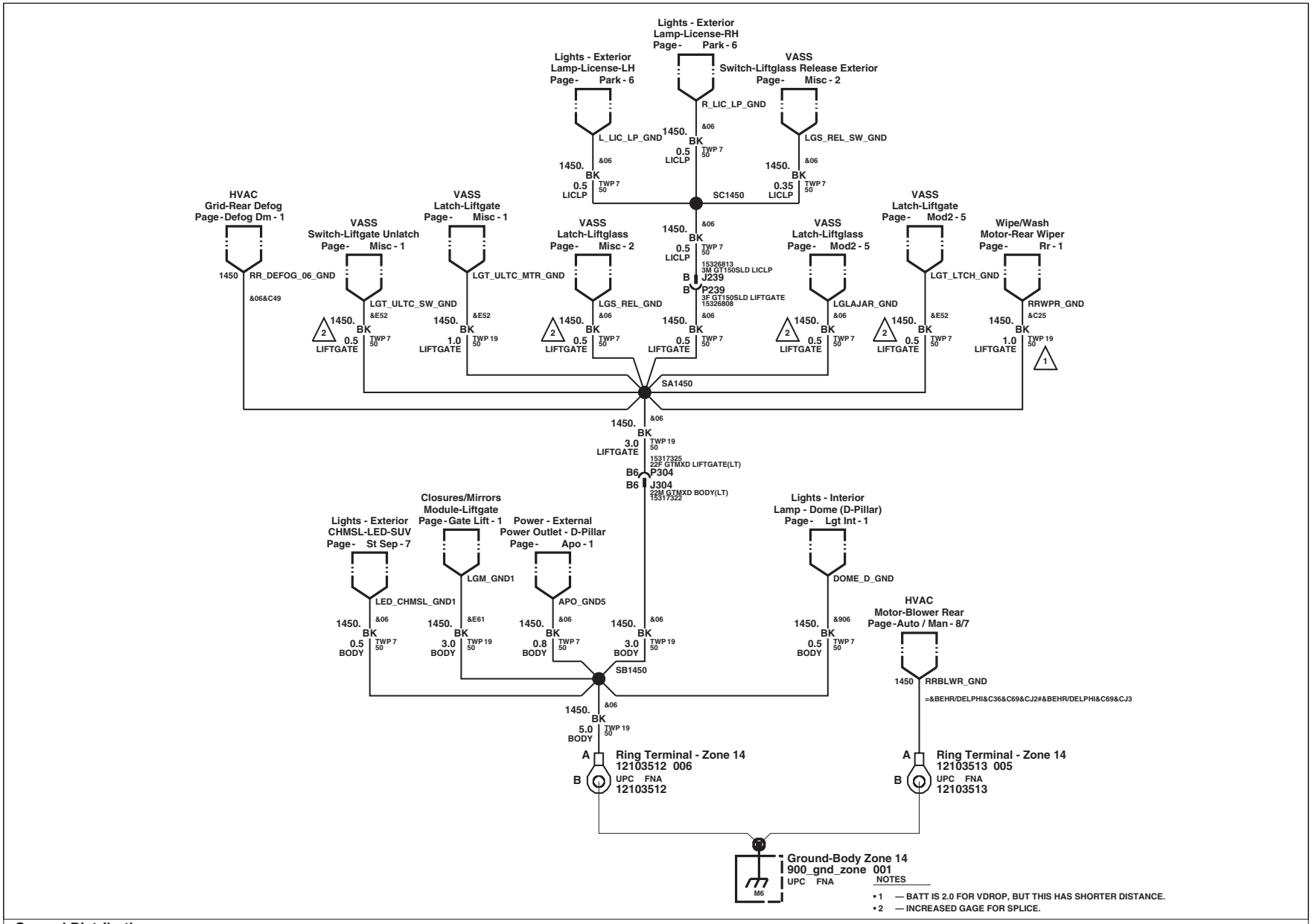
Ground Distribution



Ground Distribution



Ground Distribution


Lights - Exterior Lamp-License-RH Page- Park - 6
Lights - Exterior Lamp-License-LH Page- Park - 6
VASS Switch-Liftglass Release Exterior Page- Misc - 2
R_LIC_LP_GND
L_LIC_LP_GND
LGS_REL_SW_GND
1450. BK 0.5 LICLP TWP 7 50 &06
1450. BK 0.35 LICLP TWP 7 50 &06
SC1450
HVAC Grid-Rear Defog Page-Defog Dm - 1
VASS Switch-Liftgate Unlatch Page- Misc - 1
VASS Latch-Liftgate Page- Misc - 1
VASS Latch-Liftglass Page- Misc - 2
VASS Latch-Liftglass Page- Mod2 - 5
VASS Latch-Liftgate Page- Mod2 - 5
Wipe/Wash Motor-Rear Wiper Page- Rr - 1
1450 RR_DEFOG_06_GND &06&C49
LGT_ULTC_SW_GND &E52
LGT_ULTC_MTR_GND &E52
LGS_REL_GND &06
LGLAJAR_GND &06
LGT_LTCH_GND &E52
RRWPR_GND &C25
1450. BK 0.5 LIFTGATE TWP 7 50
1450. BK 1.0 LIFTGATE TWP 19 50
15326813 3M GT150SLD LICLP
B J239
B P239 3F GT150SLD LIFTGATE 15326808
SA1450
1450. BK 3.0 LIFTGATE TWP 19 50 &06
15317325 22F GTMXD LIFTGATE(LT)
B6 P304
B6 J304 22M GTMXD BODY(LT) 15317322
Lights - Exterior CHMSL-LED-SUV Page- St Sep - 7
Closures/Mirrors Module-Liftgate Page- Gate Lift - 1
Power - External Power Outlet - D-Pillar Page- Apo - 1
Lights - Interior Lamp - Dome (D-Pillar) Page- Lgt Int - 1
LED_CHMSL_GND1
LGM_GND1
APO_GND5
DOME_D_GND
1450. BK 0.5 BODY TWP 7 50 &06
1450. BK 3.0 BODY TWP 19 50 &E61
1450. BK 0.8 BODY TWP 7 50 &06
1450. BK 3.0 BODY TWP 19 50 &06
1450. BK 0.5 BODY TWP 7 50 &906
SB1450
HVAC Motor-Blower Rear Page-Auto / Man - 8/7
1450 RRBLWR_GND
=&BEHR/DELPHI&C36&C69&CJ2#&BEHR/DELPHI&C69&CJ3
1450. BK 5.0 BODY TWP 19 50 &06
A B Ring Terminal - Zone 14 12103512 006 UPC FNA 12103512
A B Ring Terminal - Zone 14 12103513 005 UPC FNA 12103513
Ground-Body Zone 14 900_gnd_zone 001 UPC FNA
M6
NOTES
• 1 — BATT IS 2.0 FOR VDROP, BUT THIS HAS SHORTER DISTANCE.
• 2 — INCREASED GAGE FOR SPLICE.

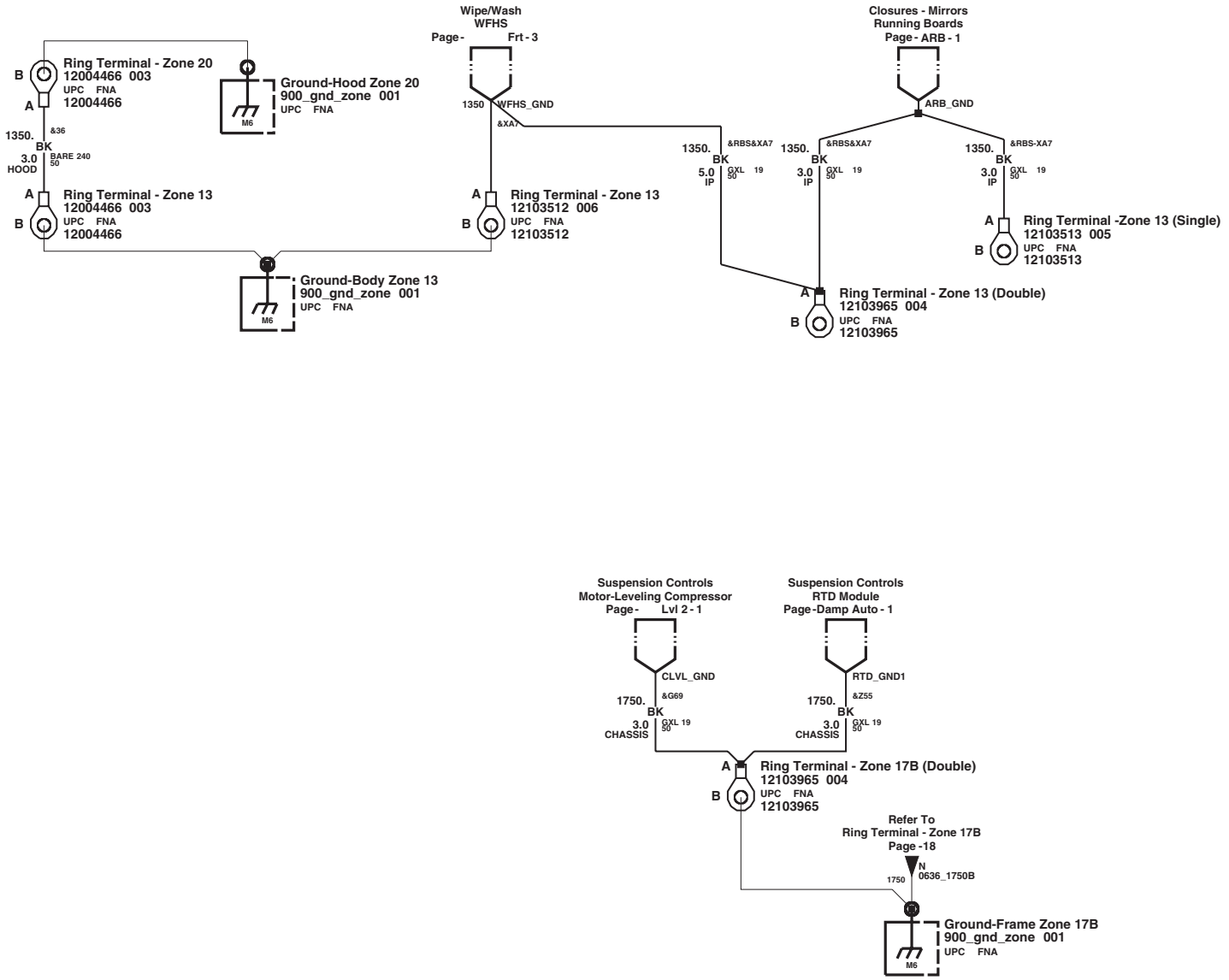
Ground Distribution

OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
1_07_gnd_dist	013	SSF	1		3:21:05 pm	GMT900	

Released 07 GMT900
Panel Set: 16 of 27 schematic sheet1 35 $IVEDWORK/1_07_gnd_dist__013
Friday, January 20, 2006

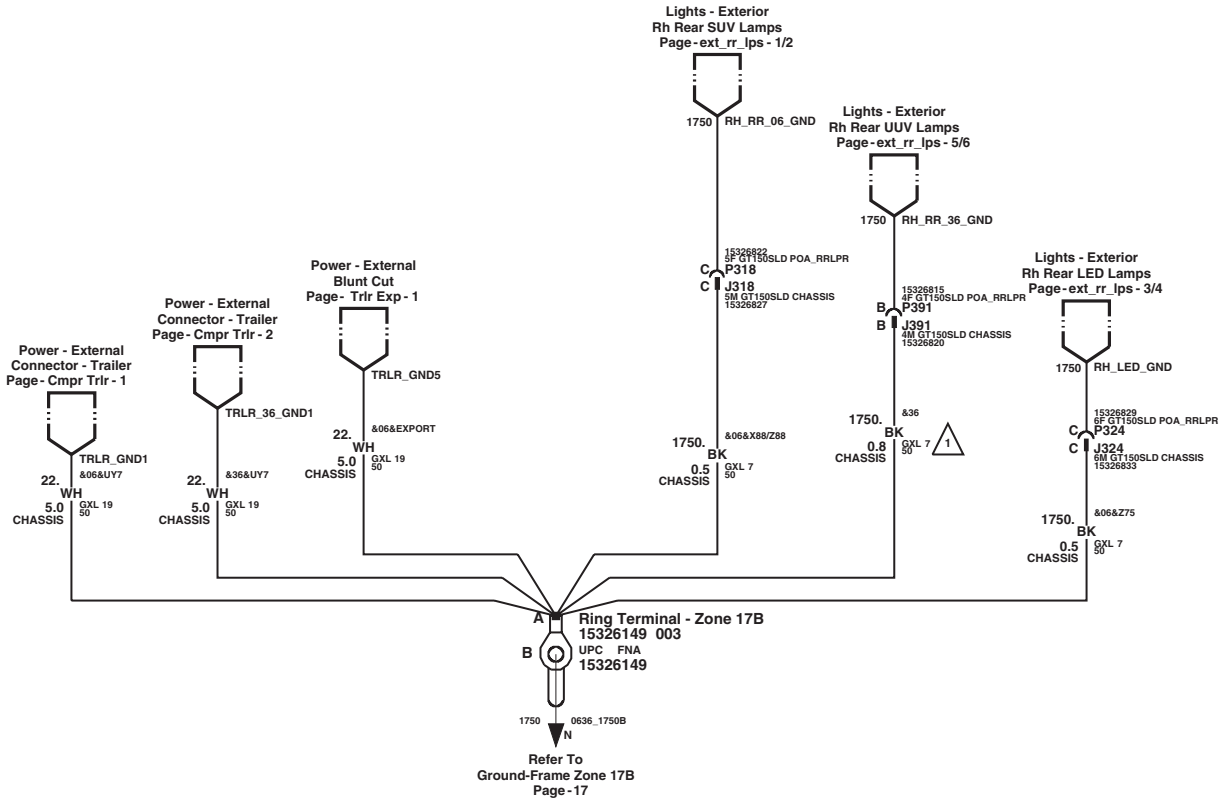
GM Proprietary

Ground Distribution



Ground Distribution	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	3:21:05 pm	ORGANIZATION	USAGE
Released 07 GMT900	1_07_gnd_dist	013	SSF	1			GMT900	GM Proprietary
Panel Set: 17 of 27 schematic sheet1 35	$IVEDWORK/1_07_gnd_dist__013				Friday, January 20, 2006			

Ground Distribution

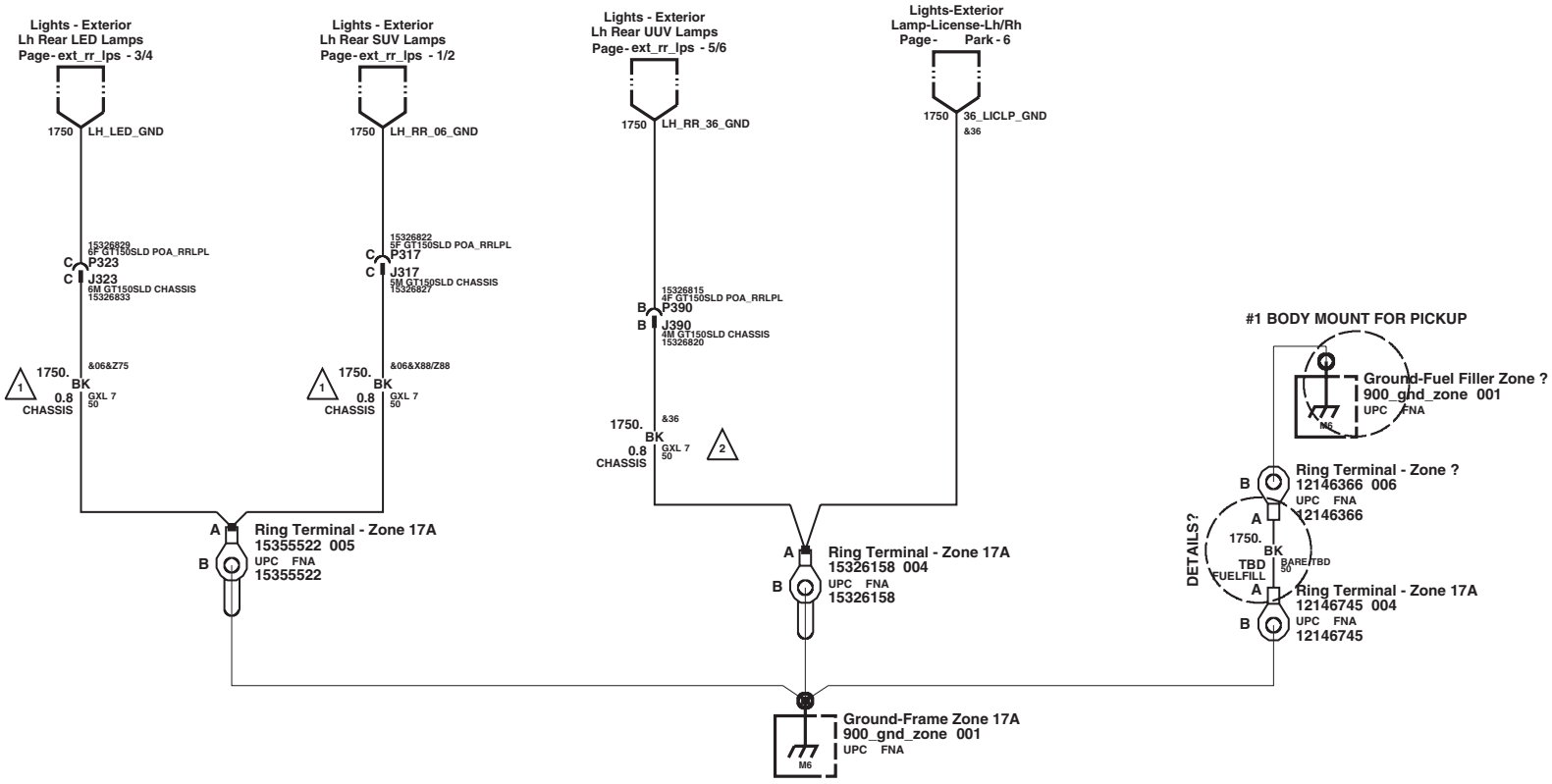


NOTES

• 1 — WIRE UPSIZED FOR VOLTAGE DROP

Ground Distribution	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Released 07 GMT900	1_07_gnd_dist	013	SSF	1		3:21:05 pm	GMT900	GM Proprietary
Panel Set: 18 of 27 schematic sheet1 35	$IVEDWORK/1_07_gnd_dist__013				Friday, January 20, 2006			

Ground Distribution



Ground Distribution

OBJECT ID: 1_07_gnd_dist | REVISION: 013 | STAGE: SSF | VERSION: 1 | LAST CHANGED BY: | 3:21:05 pm | ORGANIZATION: GMT900 | USAGE:

Released 07 GMT900

Panel Set: 19 of 27 schematic sheet1 35 $IVEDWORK/1_07_gnd_dist__013

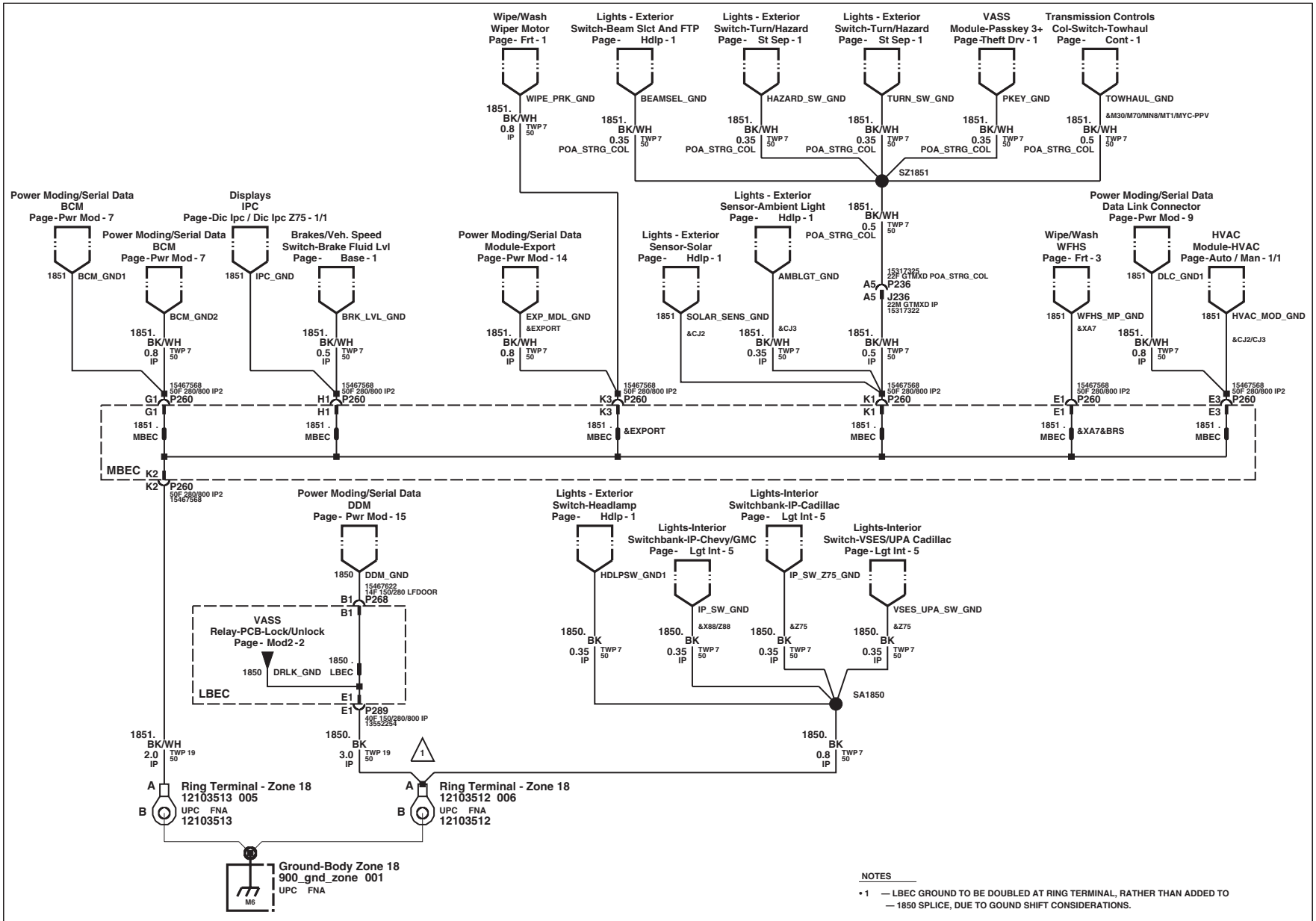
Friday, January 20, 2006

GM Proprietary

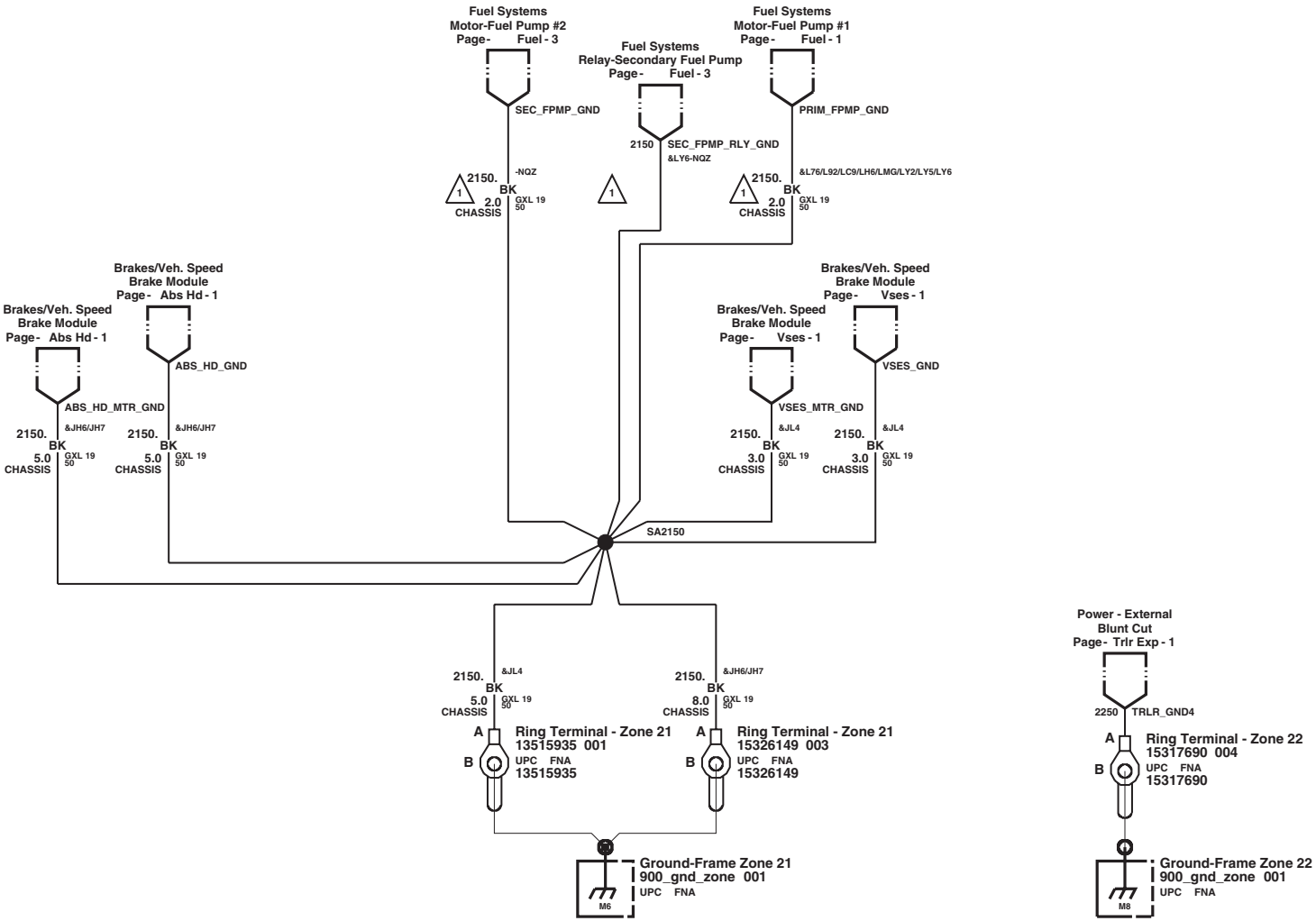
Ground Distribution

• PAGE RESERVED FOR PICKUPS

Ground Distribution


Wipe/Wash Wiper Motor Page- Frt - 1
Lights - Exterior Switch-Beam Slct And FTP Page- Hdlp - 1
Lights - Exterior Switch-Turn/Hazard Page- St Sep - 1
Lights - Exterior Switch-Turn/Hazard Page- St Sep - 1
VASS Module-Passkey 3+ Page-Theft Drv - 1
Transmission Controls Col-Switch-Towhaul Page- Cont - 1
WIPE_PRK_GND
BEAMSEL_GND
HAZARD_SW_GND
TURN_SW_GND
PKEY_GND
TOWHAUL_GND
&M30/M70/MN8/MT1/MYC-PPV
SZ1851
Power Moding/Serial Data BCM Page-Pwr Mod - 7
Displays IPC Page-Dic Ipc / Dic Ipc Z75 - 1/1
Power Moding/Serial Data BCM Page-Pwr Mod - 7
Brakes/Veh. Speed Switch-Brake Fluid Lvl Page- Base - 1
Power Moding/Serial Data Module-Export Page-Pwr Mod - 14
Lights - Exterior Sensor-Solar Page- Hdlp - 1
Lights - Exterior Sensor-Ambient Light Page- Hdlp - 1
Power Moding/Serial Data Data Link Connector Page-Pwr Mod - 9
Wipe/Wash WFHS Page- Frt - 3
HVAC Module-HVAC Page-Auto / Man - 1/1
BCM_GND1
IPC_GND
BCM_GND2
BRK_LVL_GND
EXP_MDL_GND
SOLAR_SENS_GND
AMBLGT_GND
DLC_GND1
WFHS_MP_GND
HVAC_MOD_GND
P260
P236
J236
MBEC
Power Moding/Serial Data DDM Page- Pwr Mod - 15
Lights - Exterior Switch-Headlamp Page- Hdlp - 1
Lights-Interior Switchbank-IP-Cadillac Page- Lgt Int - 5
Lights-Interior Switchbank-IP-Chevy/GMC Page- Lgt Int - 5
Lights-Interior Switch-VSES/UPA Cadillac Page-Lgt Int - 5
DDM_GND
HDLPSW_GND1
IP_SW_GND
IP_SW_Z75_GND
VSES_UPA_SW_GND
P268
P289
VASS Relay-PCB-Lock/Unlock Page- Mod2 - 2
DRLK_GND
LBEC
SA1850
Ring Terminal - Zone 18 12103513 005 UPC FNA 12103513
Ring Terminal - Zone 18 12103512 006 UPC FNA 12103512
Ground-Body Zone 18 900_gnd_zone 001 UPC FNA
M6
NOTES
• 1 — LBEC GROUND TO BE DOUBLED AT RING TERMINAL, RATHER THAN ADDED TO — 1850 SPLICE, DUE TO GOUND SHIFT CONSIDERATIONS.
Ground Distribution
OBJECT ID 1_07_gnd_dist
REVISION 013
STAGE SSF
VERSION 1
LAST CHANGED BY
3:21:05 pm
Friday, January 20, 2006
ORGANIZATION GMT900
USAGE
Released 07 GMT900
Panel Set: 21 of 27 schematic sheet1 35 $IVEDWORK/1_07_gnd_dist__013
GM Proprietary

Ground Distribution

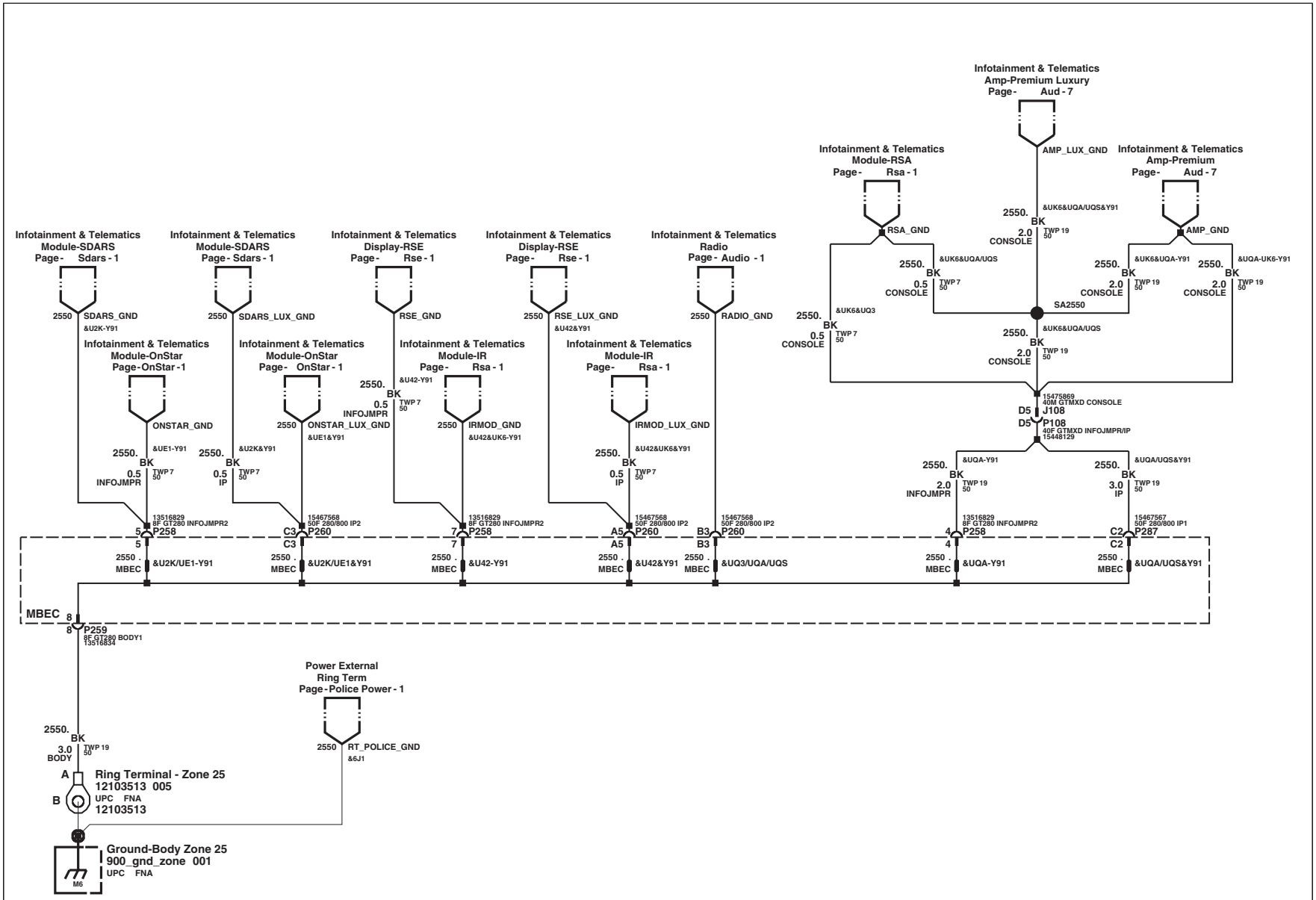


NOTES

• 1 — INCREASED GAGE SIZE FOR SPLICING

Ground Distribution	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Released 07 GMT900	1_07_gnd_dist	013	SSF	1		3:21:05 pm	GMT900	GM Proprietary
Panel Set: 22 of 27 schematic sheet1 35	$IVEDWORK/1_07_gnd_dist__013				Friday, January 20, 2006			

Ground Distribution



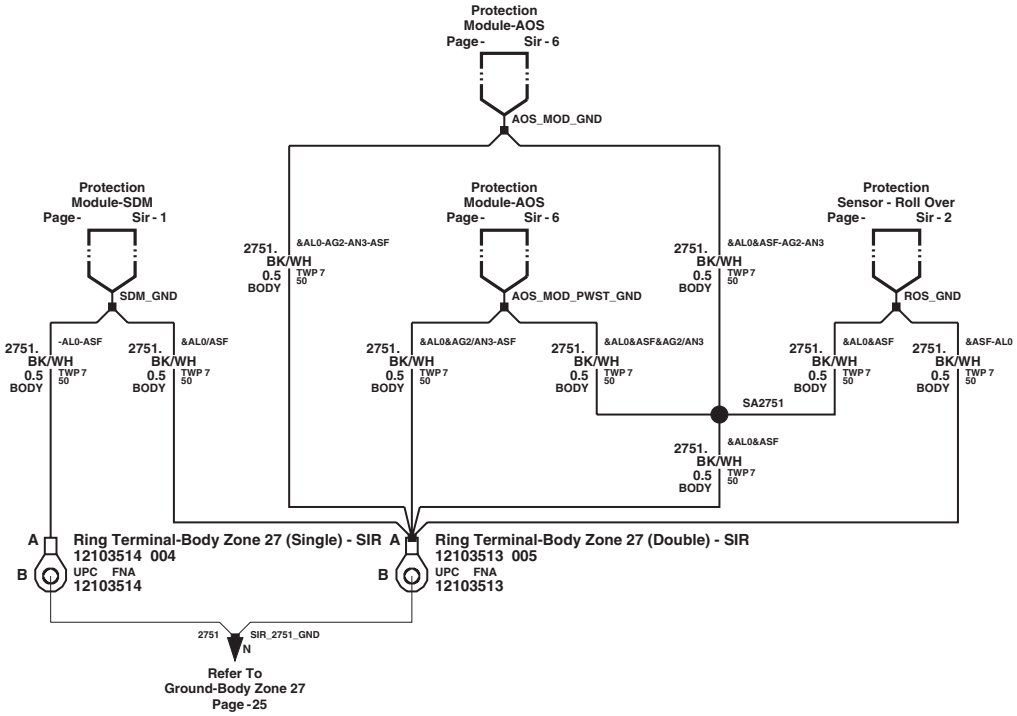
Ground Distribution

OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
1_07_gnd_dist	013	SSF	1		3:21:05 pm	GMT900	

Released 07 GMT900 | Panel Set: 23 of 27 schematic | sheet1 | 35 | $IVEDWORK/1_07_gnd_dist__013 | Friday, January 20, 2006

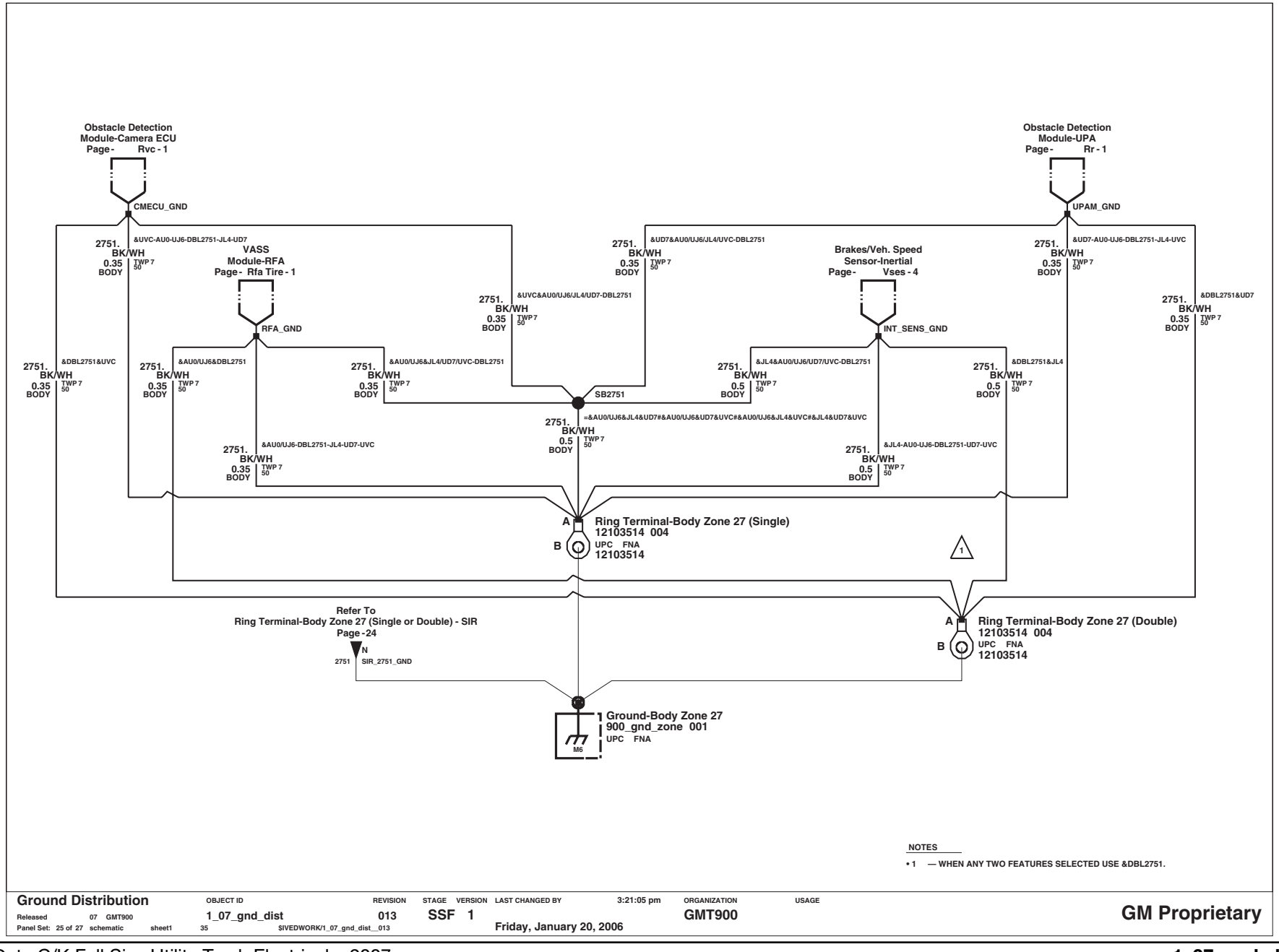
GM Proprietary

Ground Distribution



Ground Distribution	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Released 07 GMT900	1_07_gnd_dist	013	SSF	1		3:21:05 pm	GMT900	GM Proprietary
Panel Set: 24 of 27 schematic sheet1 35	$IVEDWORK/1_07_gnd_dist__013				Friday, January 20, 2006			

Ground Distribution

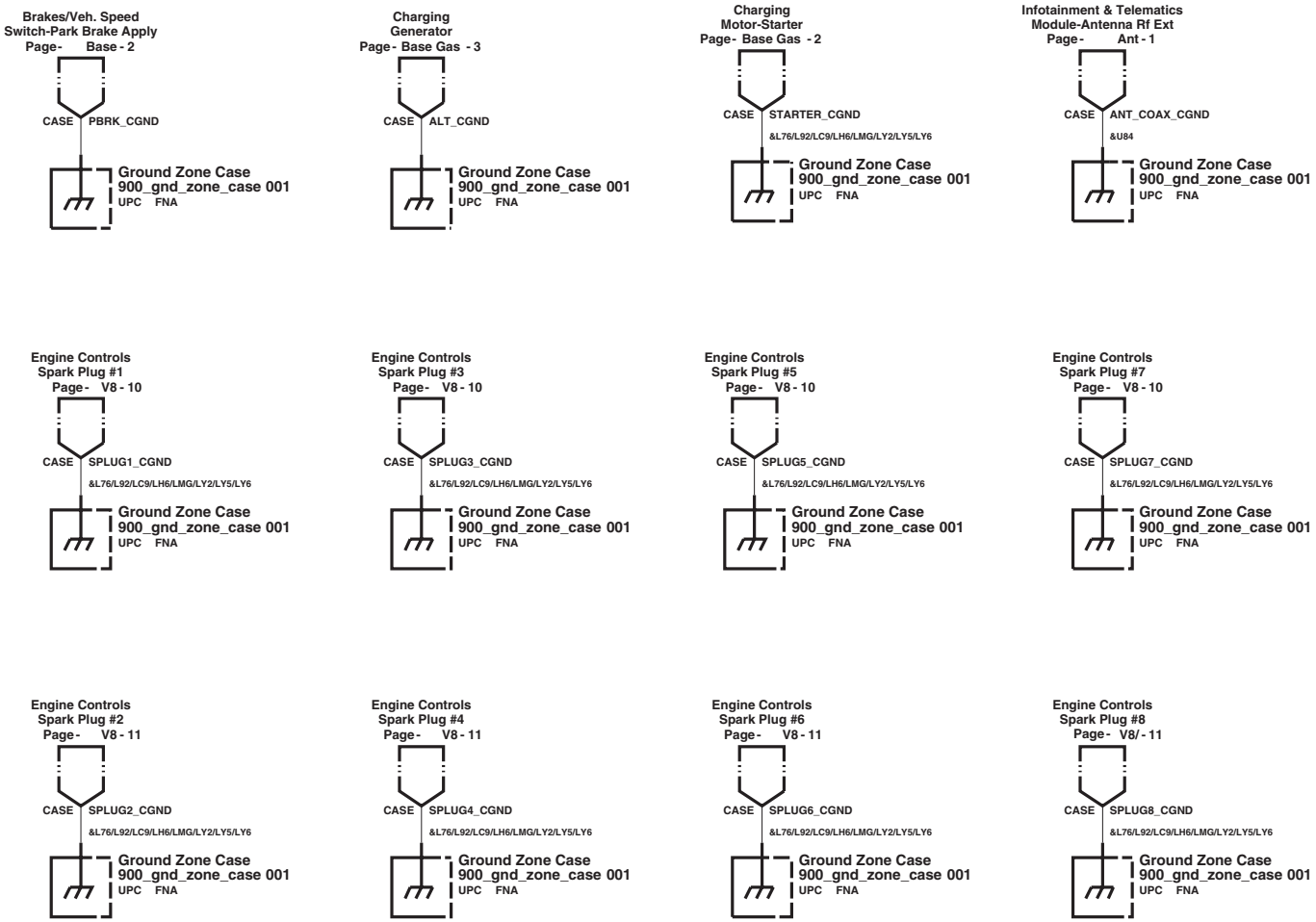


NOTES

• 1 — WHEN ANY TWO FEATURES SELECTED USE &DBL2751.

Ground Distribution	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	3:21:05 pm	ORGANIZATION	USAGE
Released 07 GMT900	1_07_gnd_dist	013	SSF	1			GMT900	GM Proprietary
Panel Set: 25 of 27 schematic sheet1 35	$IVEDWORK/1_07_gnd_dist__013				Friday, January 20, 2006			

Ground Distribution



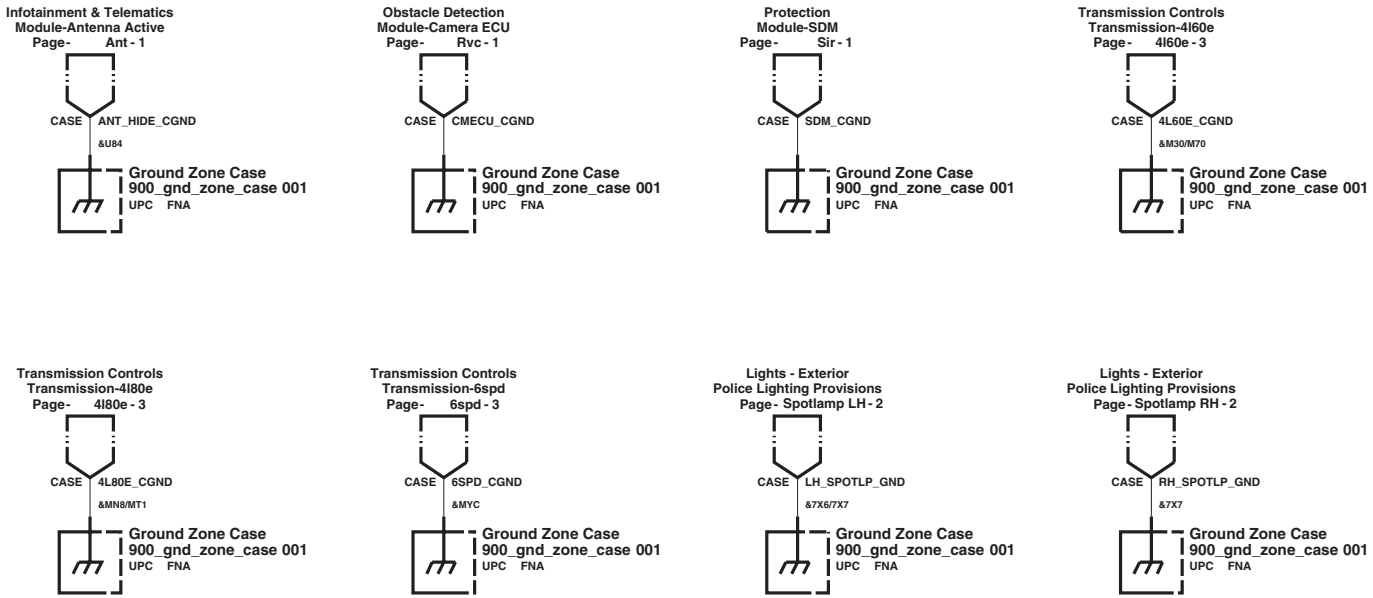
Ground Distribution

OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
1_07_gnd_dist	013	SSF	1		3:21:05 pm	GMT900	

Released 07 GMT900
Panel Set: 26 of 27 schematic sheet1 35 $IVEDWORK/1_07_gnd_dist__013
Friday, January 20, 2006

GM Proprietary

Ground Distribution



Ground Distribution

OBJECT ID: 1_07_gnd_dist | REVISION: 013 | STAGE: SSF | VERSION: 1 | LAST CHANGED BY: | 3:21:05 pm | ORGANIZATION: GMT900 | USAGE:

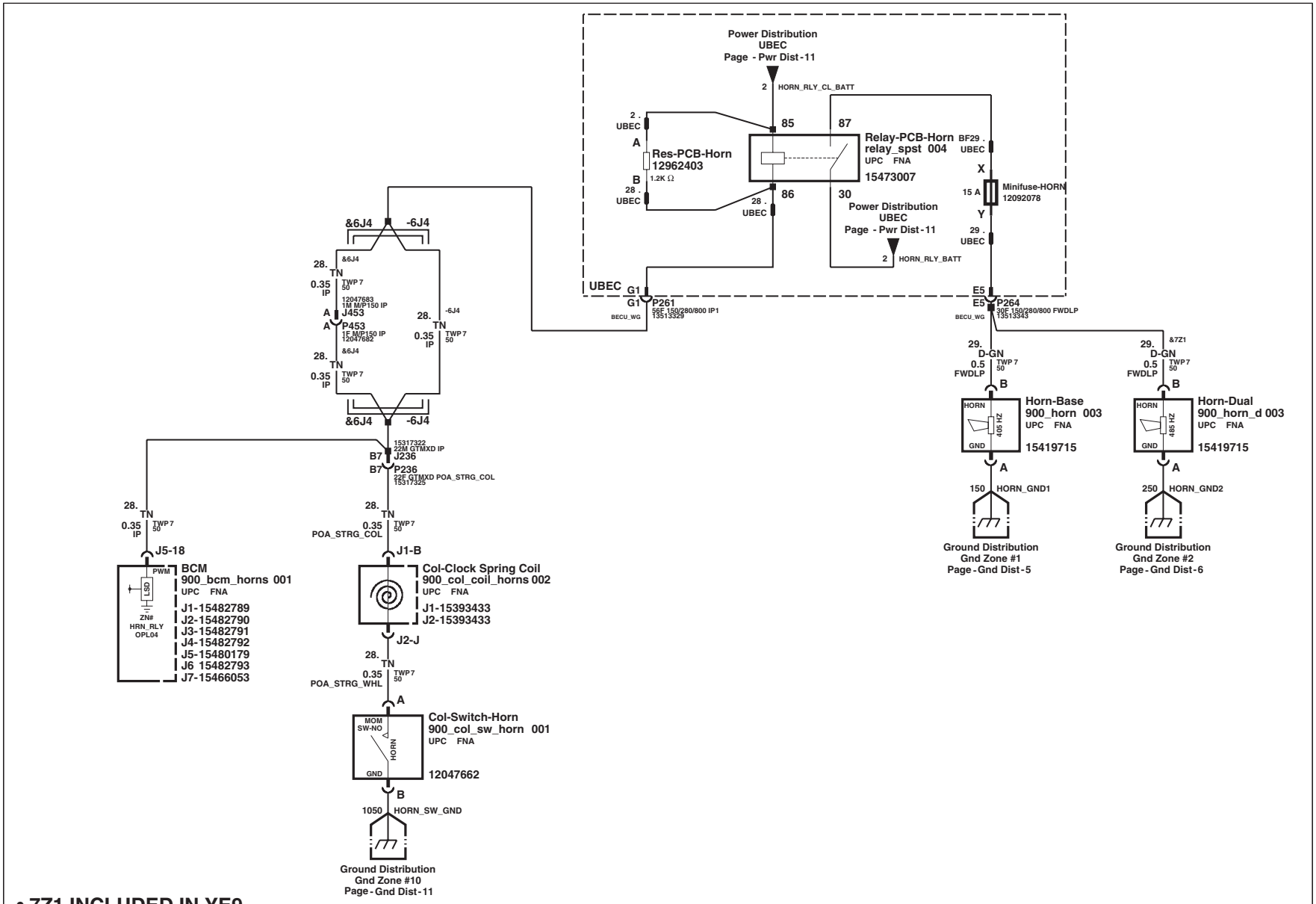
Released 07 GMT900

Panel Set: 27 of 27 schematic sheet1 35 $IVEDWORK/1_07_gnd_dist__013

Friday, January 20, 2006

GM Proprietary

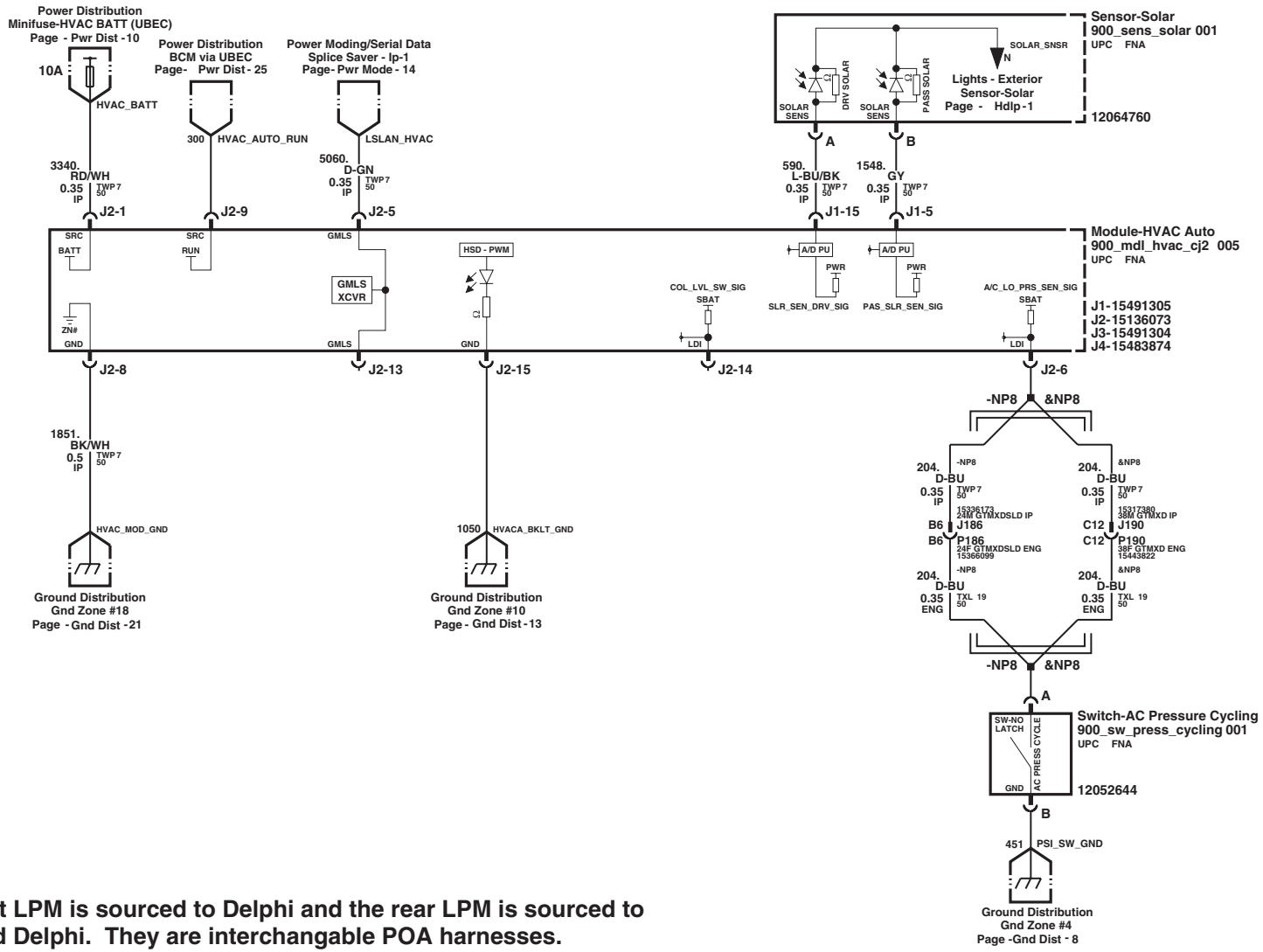
Horns



• 7Z1 INCLUDED IN YE9

Horns	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Released 07 GMT900	1_07_horns	013	SSF	1		7:07:00 am	GMT900	GM Proprietary
Panel Set: 1 of 1 schematic sheet1 1	$IVEDWORK/1_07_horns__013					Tuesday, September 6, 2005		

HVAC: Automatic

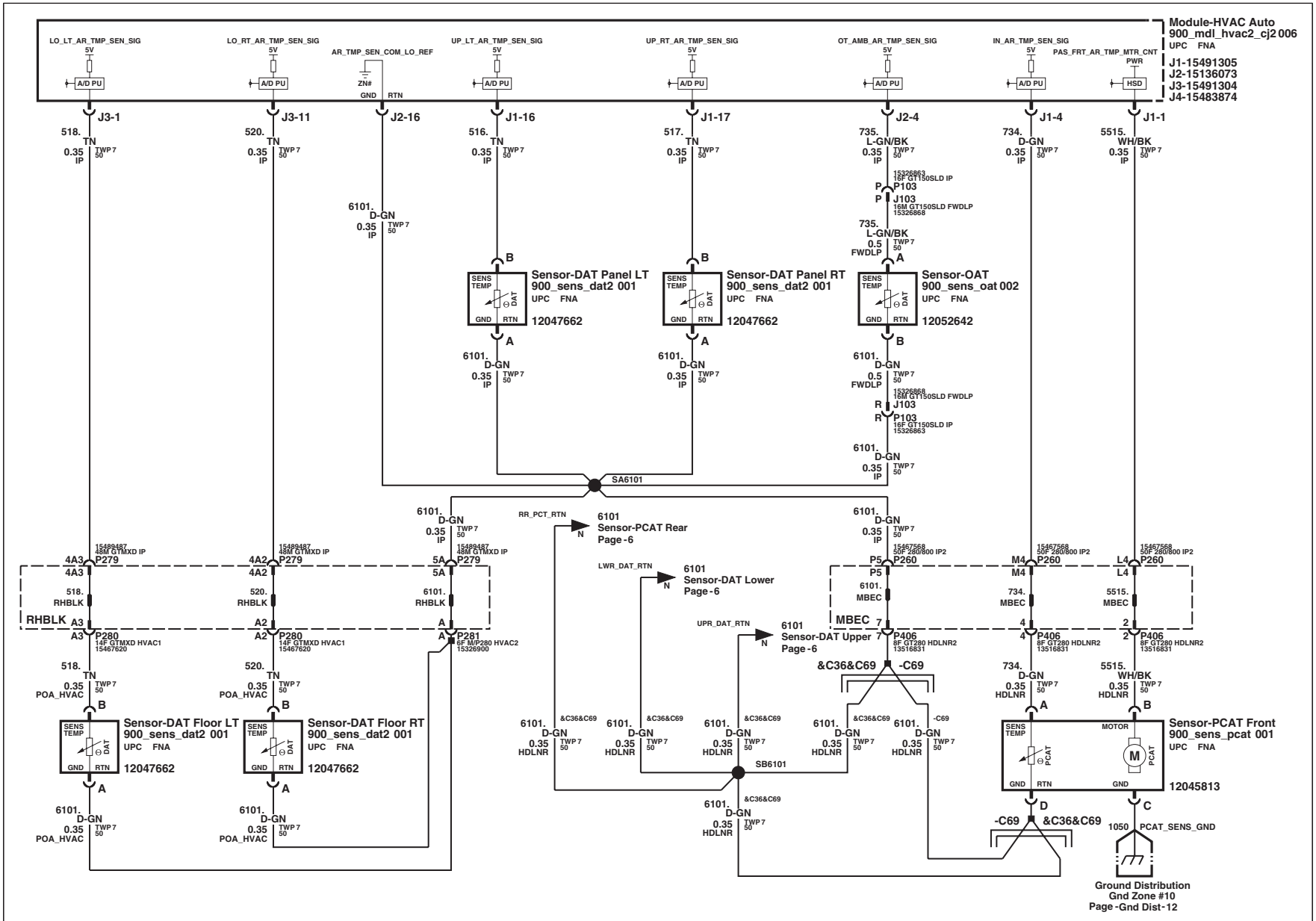


- The front LPM is sourced to Delphi and the rear LPM is sourced to
- Behr and Delphi. They are interchangable POA harnesses.
- "BEHR" and "DELPHI" RPOs represents that suppliers system.
- For C36 (aux heater) BEHR is used on GMT920, while Delphi is used on GMT930

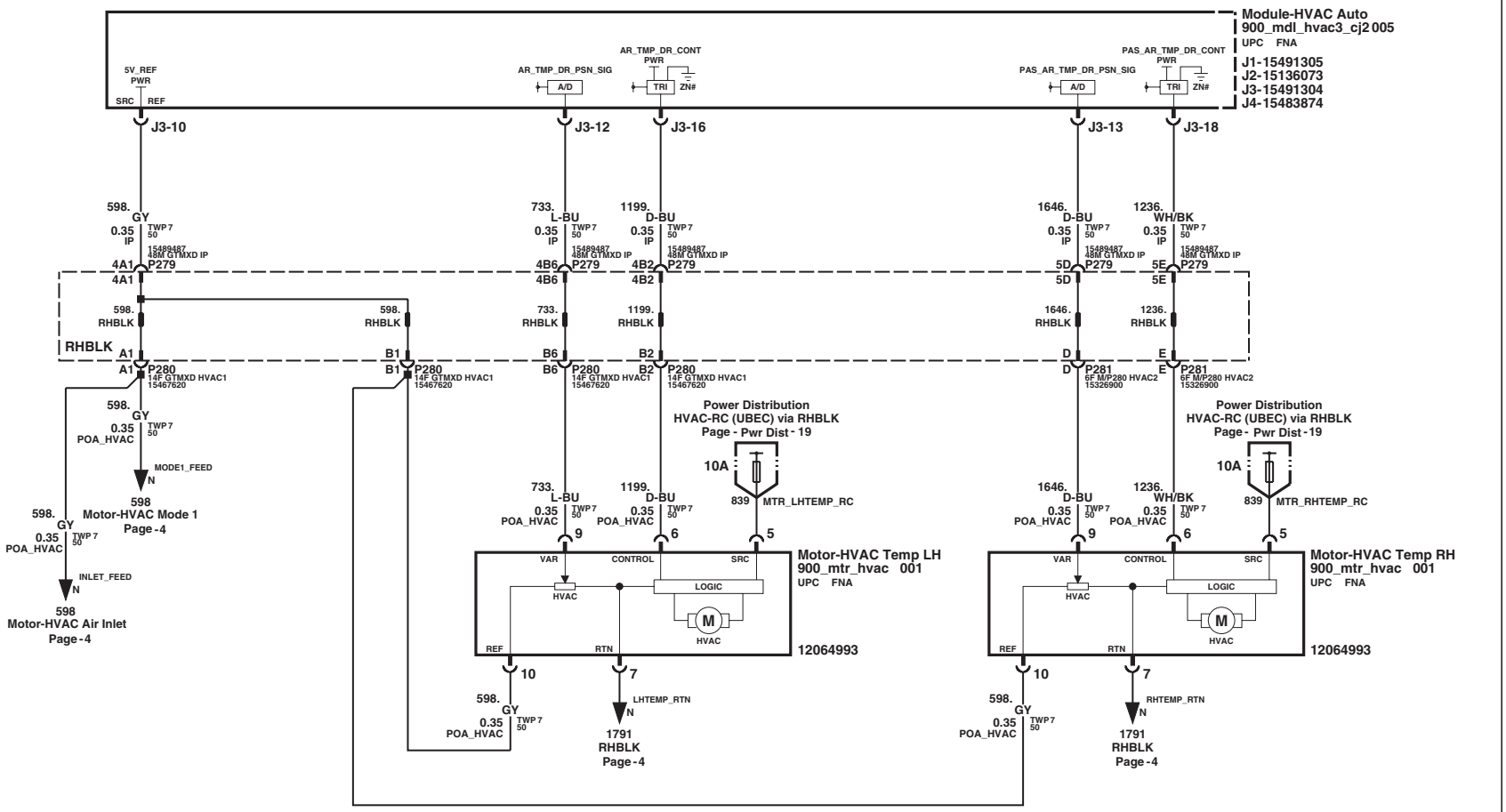
HVAC: Automatic	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	2:16:38 pm	ORGANIZATION	USAGE
Released 07 GMT900	1_07_hvac_auto	013	SSF	1			GMT900	&CJ2
Panel Set: 1 of 8 schematic sheet1 4	$IVEDWORK/1_07_hvac_auto__013				Thursday, December 1, 2005			

GM Proprietary

HVAC: Automatic

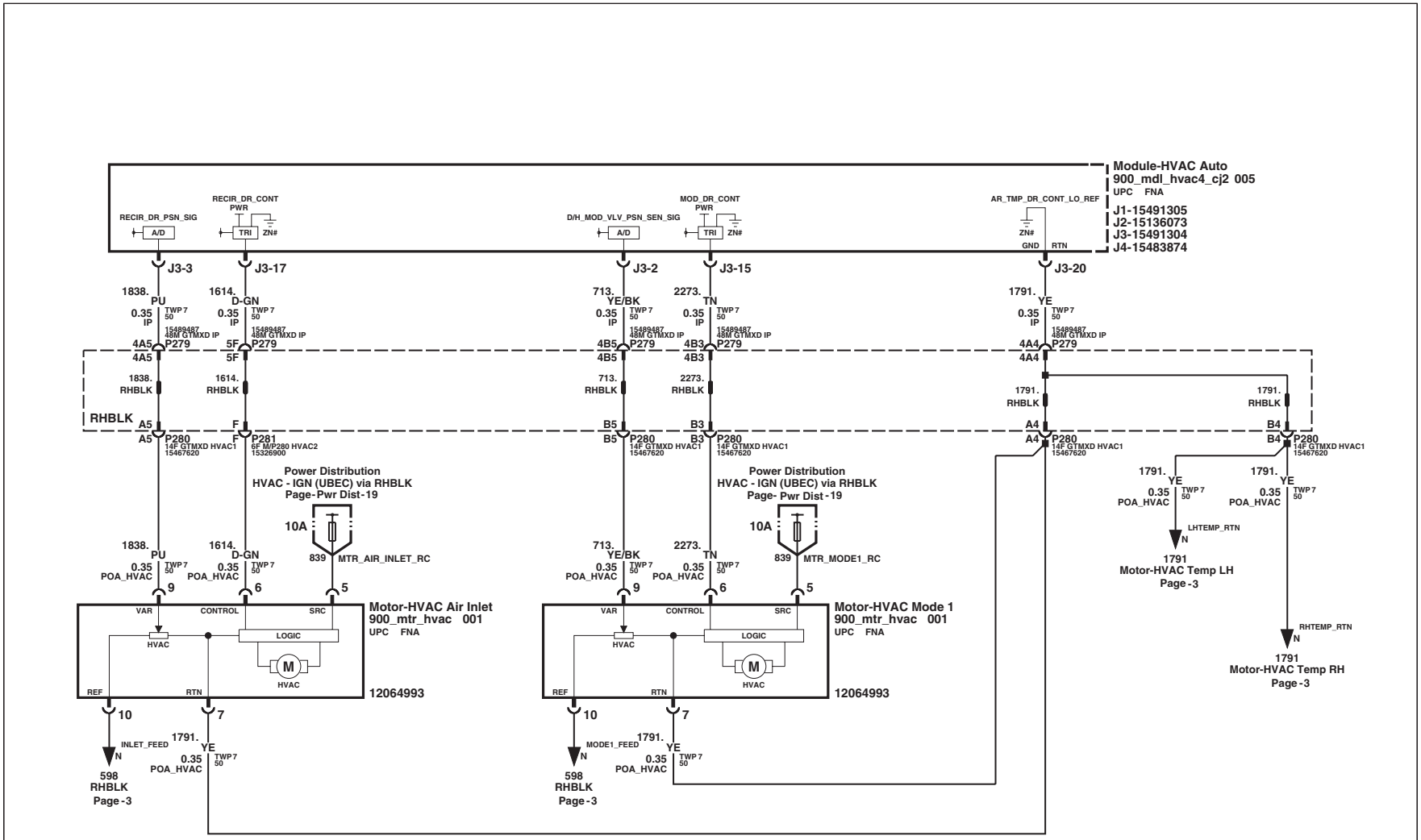


HVAC: Automatic



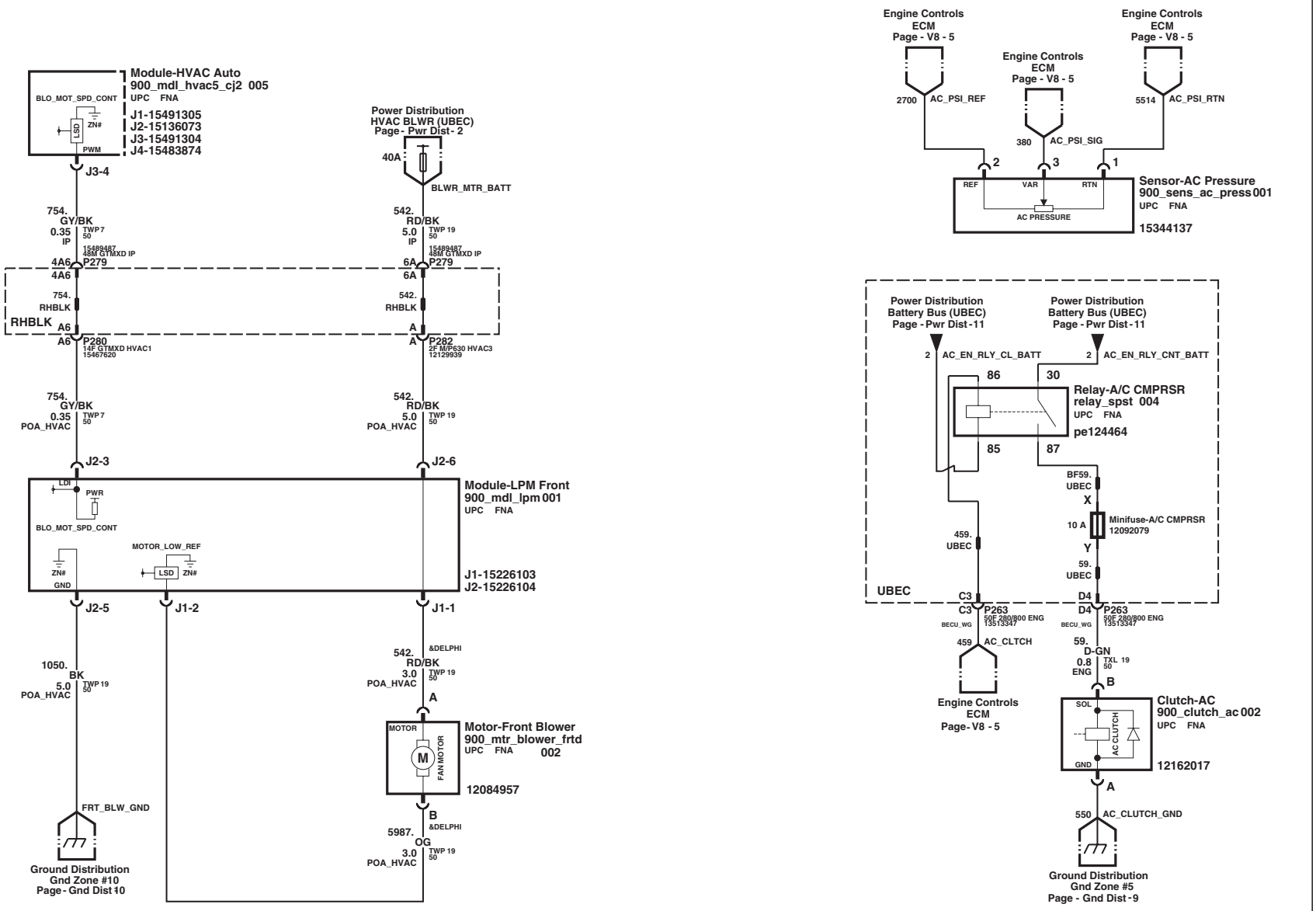
HVAC: Automatic	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE	
Released 07 GMT900	1_07_hvac_auto	013	SSF	1		2:16:38 pm	GMT900	&CJ2	GM Proprietary
Panel Set: 3 of 8 schematic sheet1 4	$IVEDWORK/1_07_hvac_auto__013				Thursday, December 1, 2005				

HVAC: Automatic



HVAC: Automatic	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE	
Released 07 GMT900	1_07_hvac_auto	013	SSF	1		2:16:38 pm	GMT900	&CJ2	GM Proprietary
Panel Set: 4 of 8 schematic sheet1 4	$IVEDWORK/1_07_hvac_auto__013				Thursday, December 1, 2005				

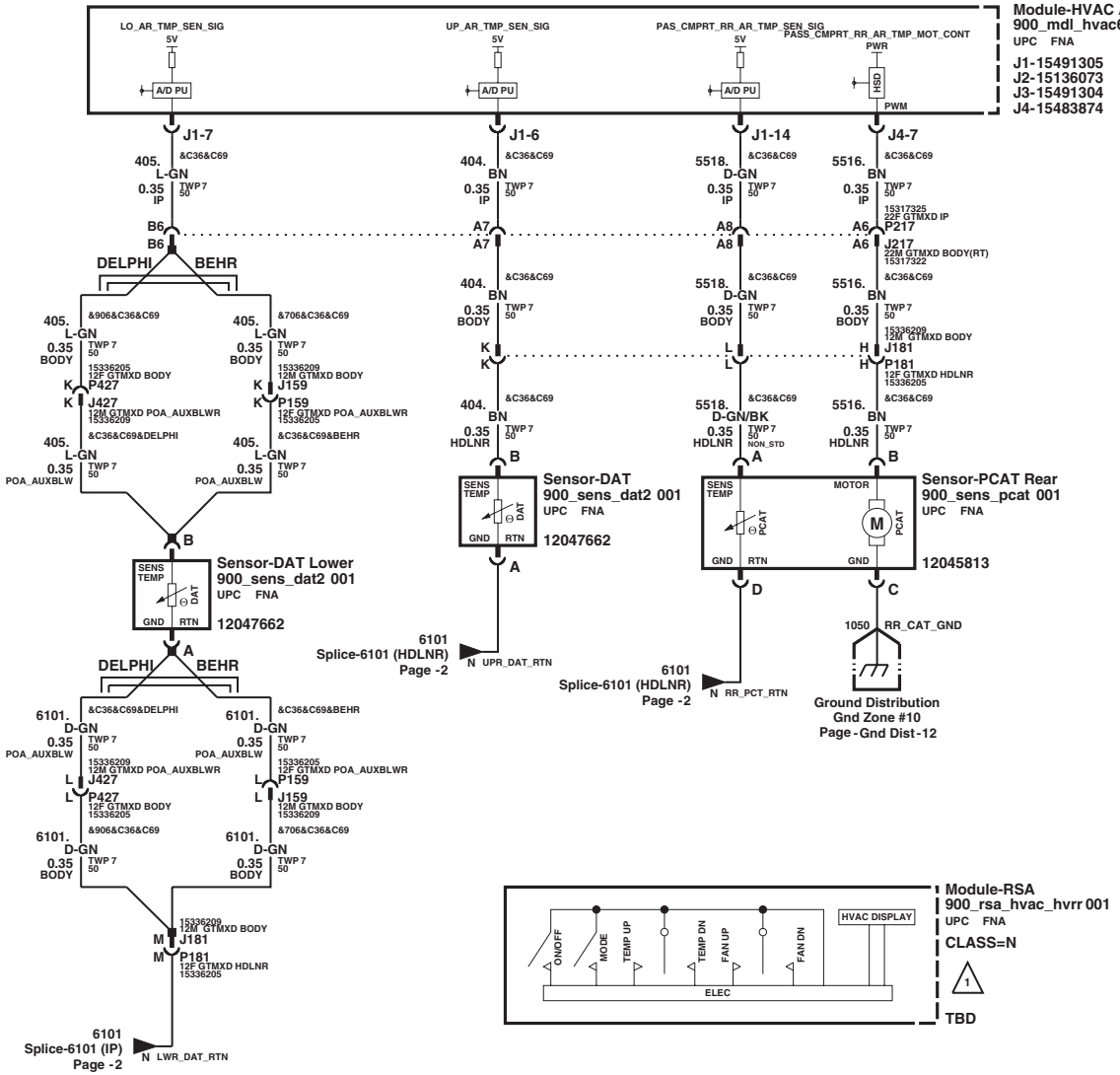
HVAC: Automatic



HVAC: Automatic	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Released 07 GMT900	1_07_hvac_auto	013	SSF	1		2:16:38 pm	GMT900	&CJ2
Panel Set: 5 of 8 schematic sheet1 4	$IVEDWORK/1_07_hvac_auto__013				Thursday, December 1, 2005			

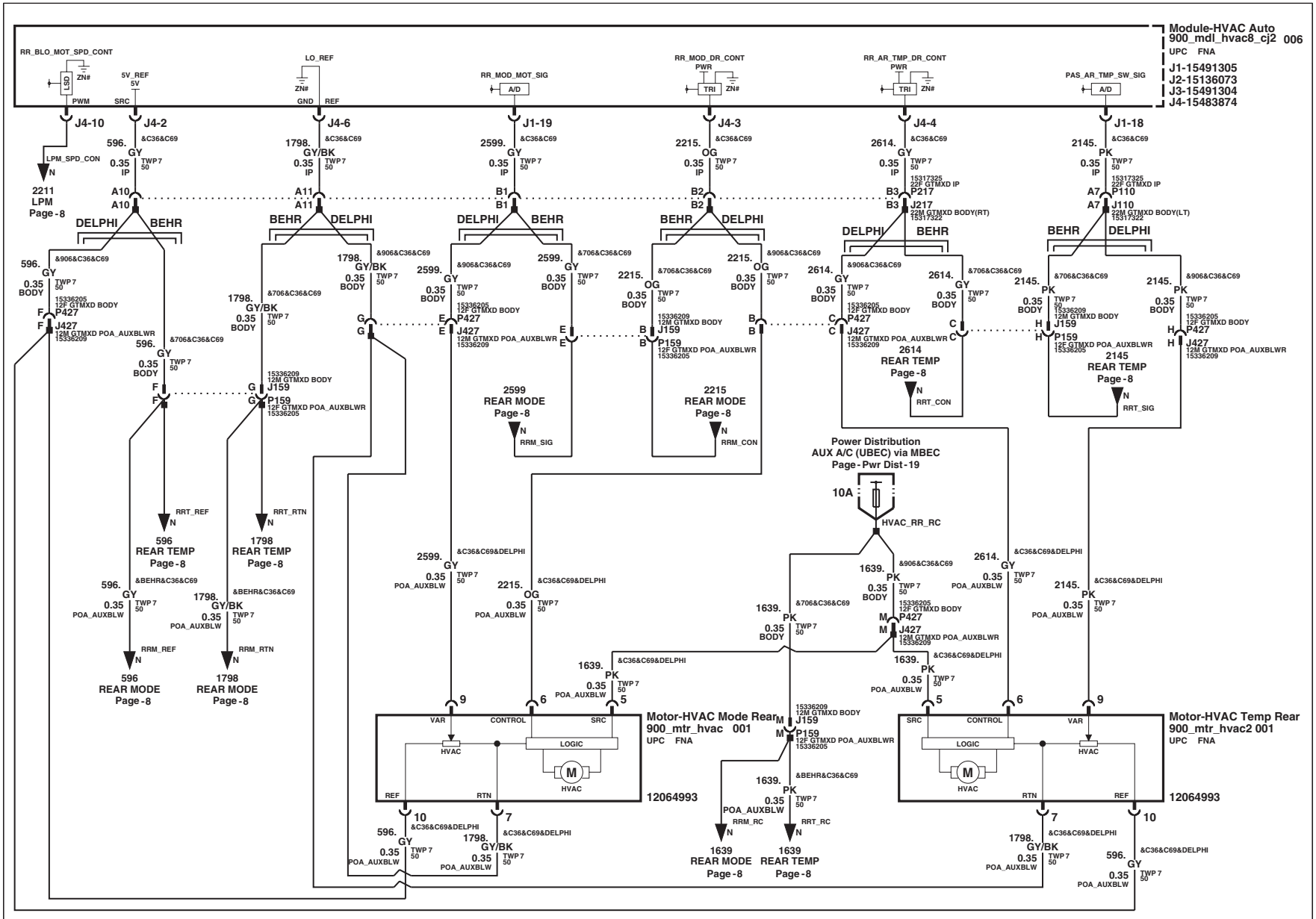
GM Proprietary

HVAC: Automatic



HVAC: Automatic	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE	
Released 07 GMT900	1_07_hvac_auto	013	SSF	1		2:16:38 pm	GMT900	&CJ2	GM Proprietary
Panel Set: 6 of 8 schematic sheet1 4	$IVEDWORK/1_07_hvac_auto__013				Thursday, December 1, 2005				

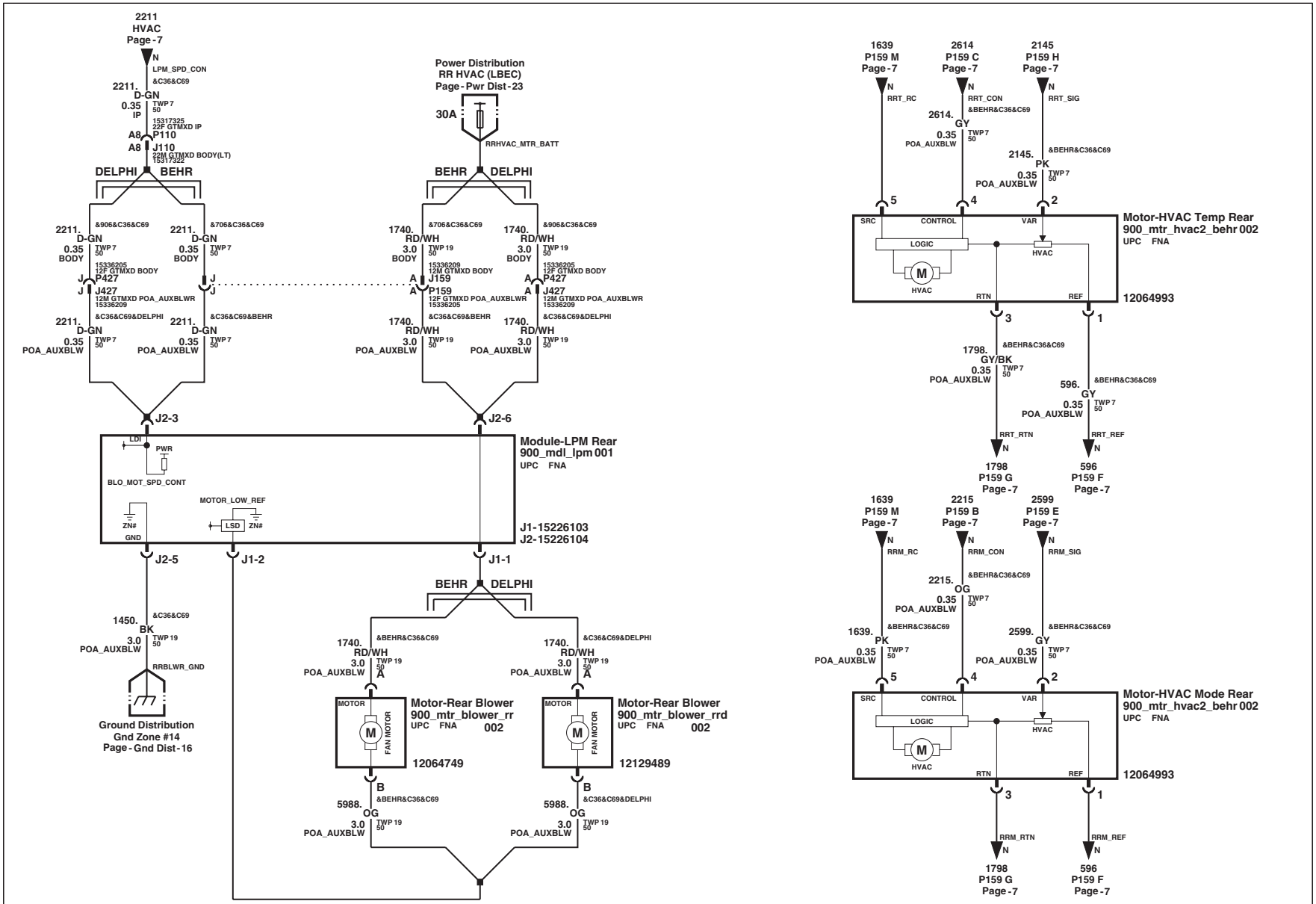
HVAC: Automatic



HVAC: Automatic	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Released 07 GMT900	1_07_hvac_auto	013	SSF	1		2:16:38 pm	GMT900	&CJ2
Panel Set: 7 of 8 schematic sheet1 4	$IVEDWORK/1_07_hvac_auto__013				Thursday, December 1, 2005			

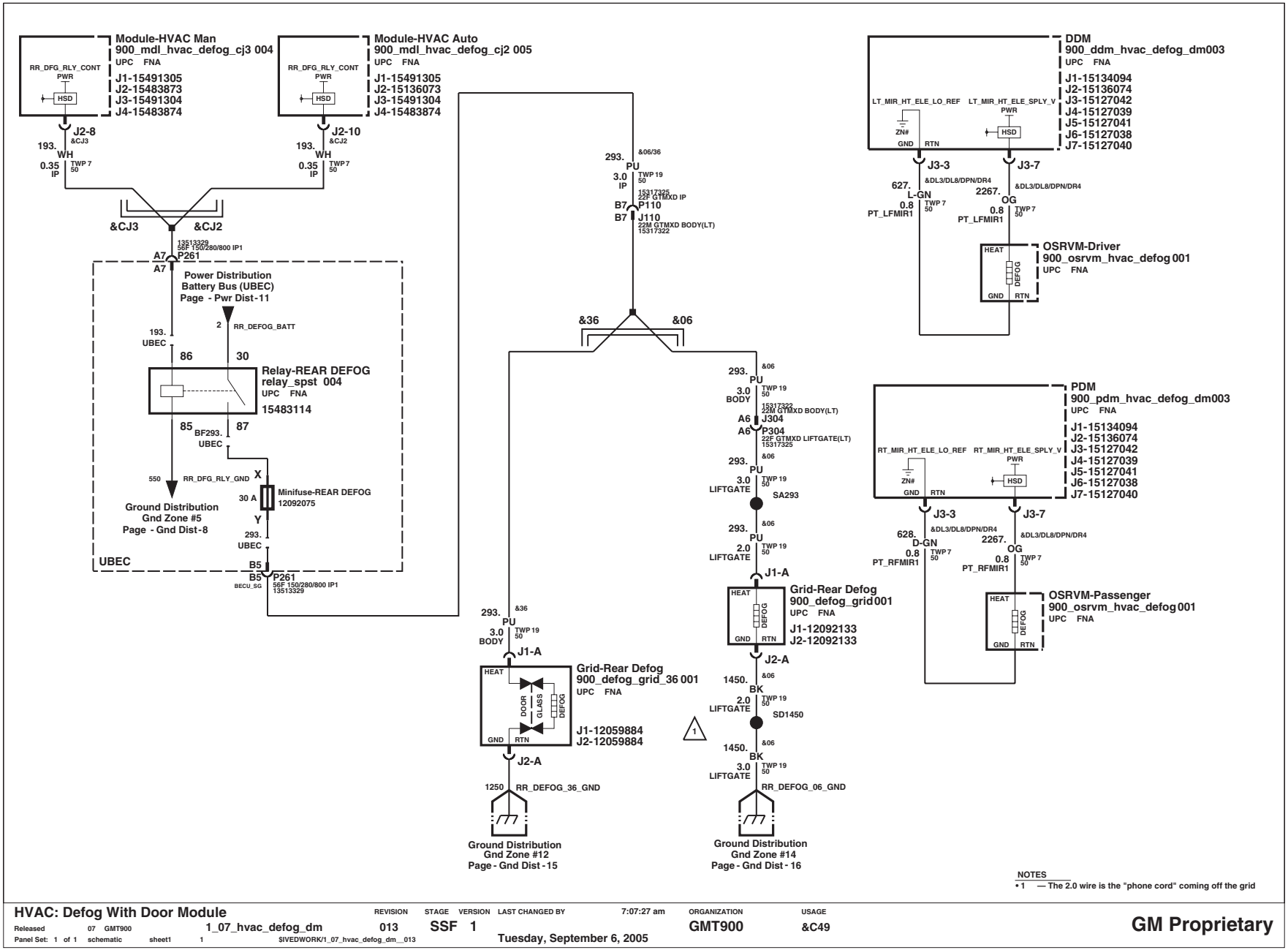
GM Proprietary

HVAC: Automatic

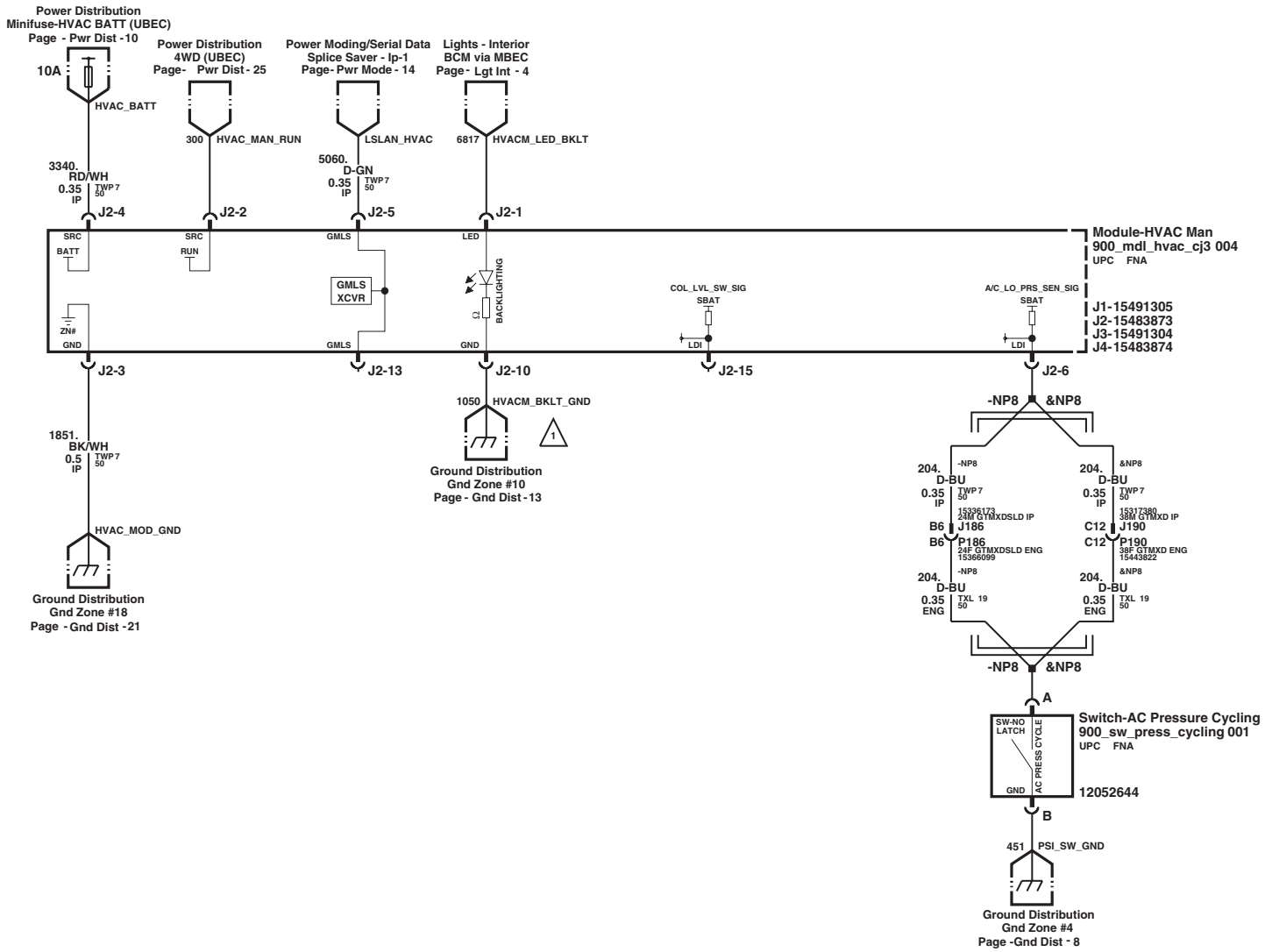


HVAC: Automatic	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE	
Released 07 GMT900	1_07_hvac_auto	013	SSF	1		2:16:38 pm	GMT900	&CJ2	GM Proprietary
Panel Set: 8 of 8 schematic sheet1 4	$IVEDWORK/1_07_hvac_auto__013				Thursday, December 1, 2005		Panel Set: 8		

HVAC: Defog with Door Modules



HVAC: Manual



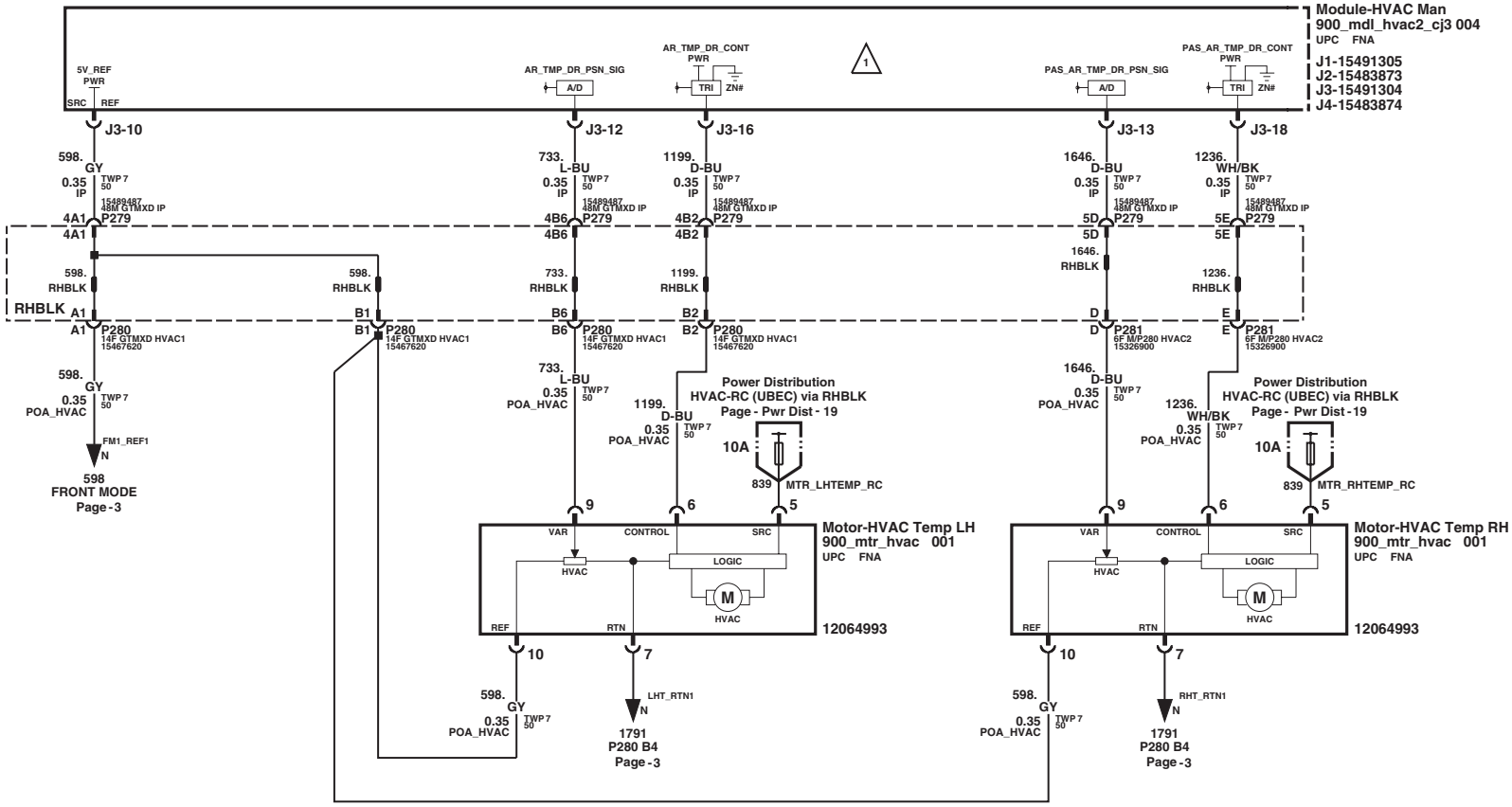
- "BEHR" and "DELPHI" RPOs represents that suppliers system.
- For C36 (aux heater) BEHR is used on GMT920, while Delphi is used on GMT930

NOTES
• 1 — LED BACKLIGHTING GROUND MAY BE INTERNALLY TIED TO 1851 MODULE GROUND

HVAC: Manual	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	12:48:06 pm	ORGANIZATION	USAGE
Released 07 GMT900	1_07_hvac_man	013	SSF	1			GMT900	&CJ3
Panel Set: 1 of 7 schematic sheet1 4	$IVEDWORK/1_07_hvac_man__013				Monday, October 3, 2005			

GM Proprietary

HVAC: Manual

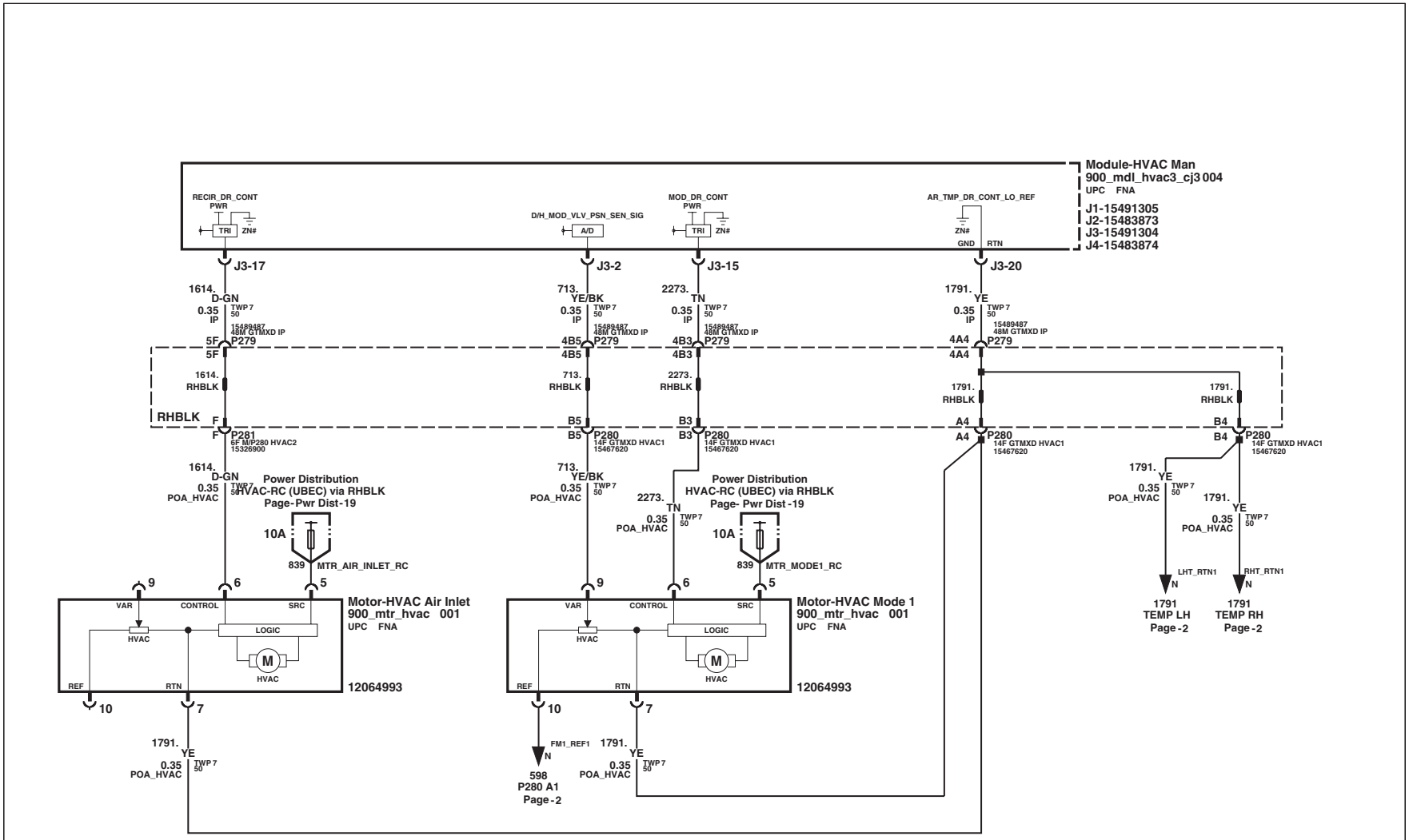


HVAC: Manual | OBJECT ID 1_07_hvac_man | REVISION 013 | STAGE SSF | VERSION 1 | LAST CHANGED BY | 12:48:06 pm | ORGANIZATION GMT900 | USAGE &CJ3

Released 07 GMT900 | Panel Set: 2 of 7 schematic | sheet1 4 | $IVEDWORK/1_07_hvac_man__013 | Monday, October 3, 2005

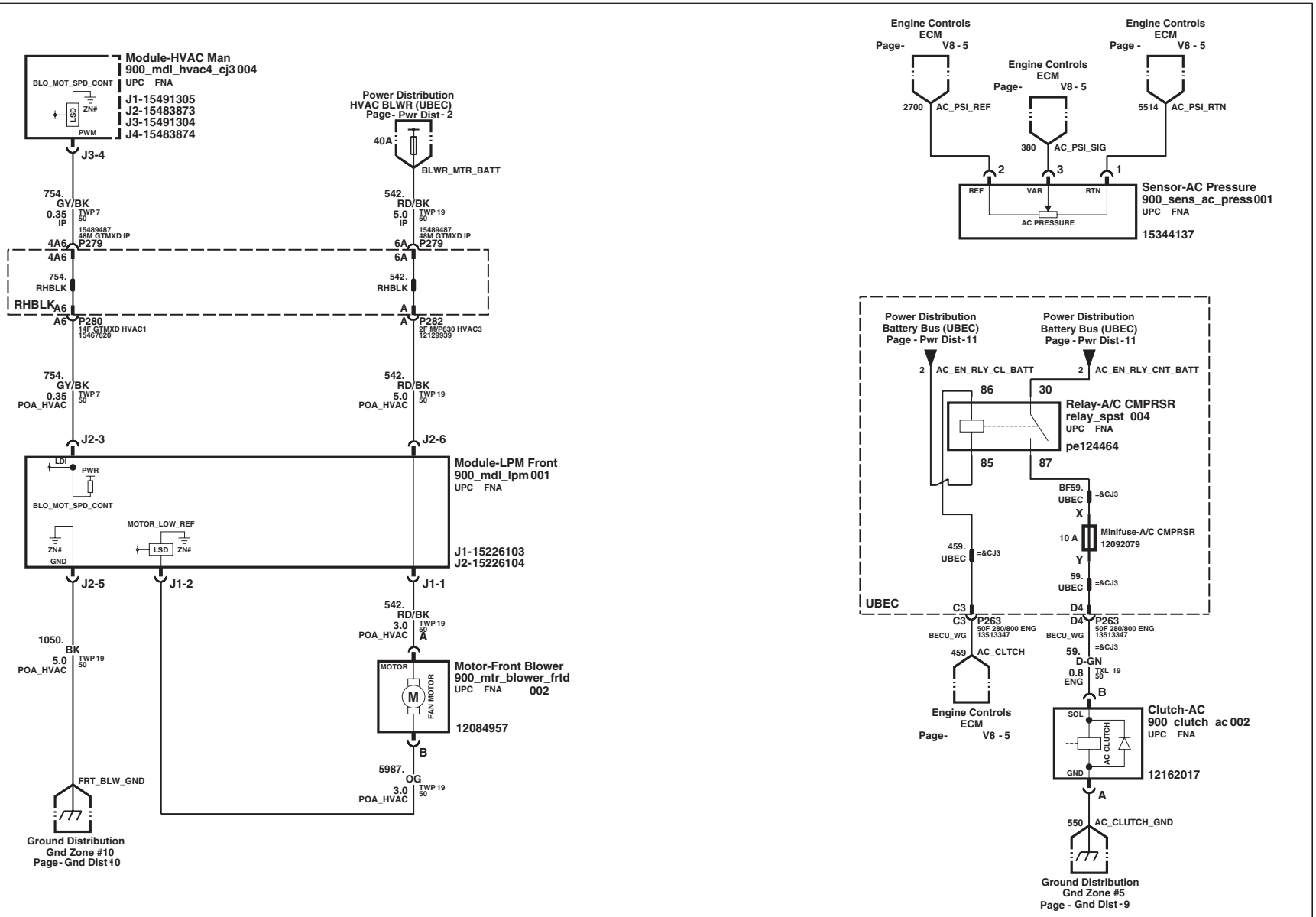
GM Proprietary

HVAC: Manual



HVAC: Manual	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE	
Released 07 GMT900	1_07_hvac_man	013	SSF	1		12:48:06 pm	GMT900	&CJ3	GM Proprietary
Panel Set: 3 of 7 schematic sheet1 4	$IVEDWORK/1_07_hvac_man__013				Monday, October 3, 2005				

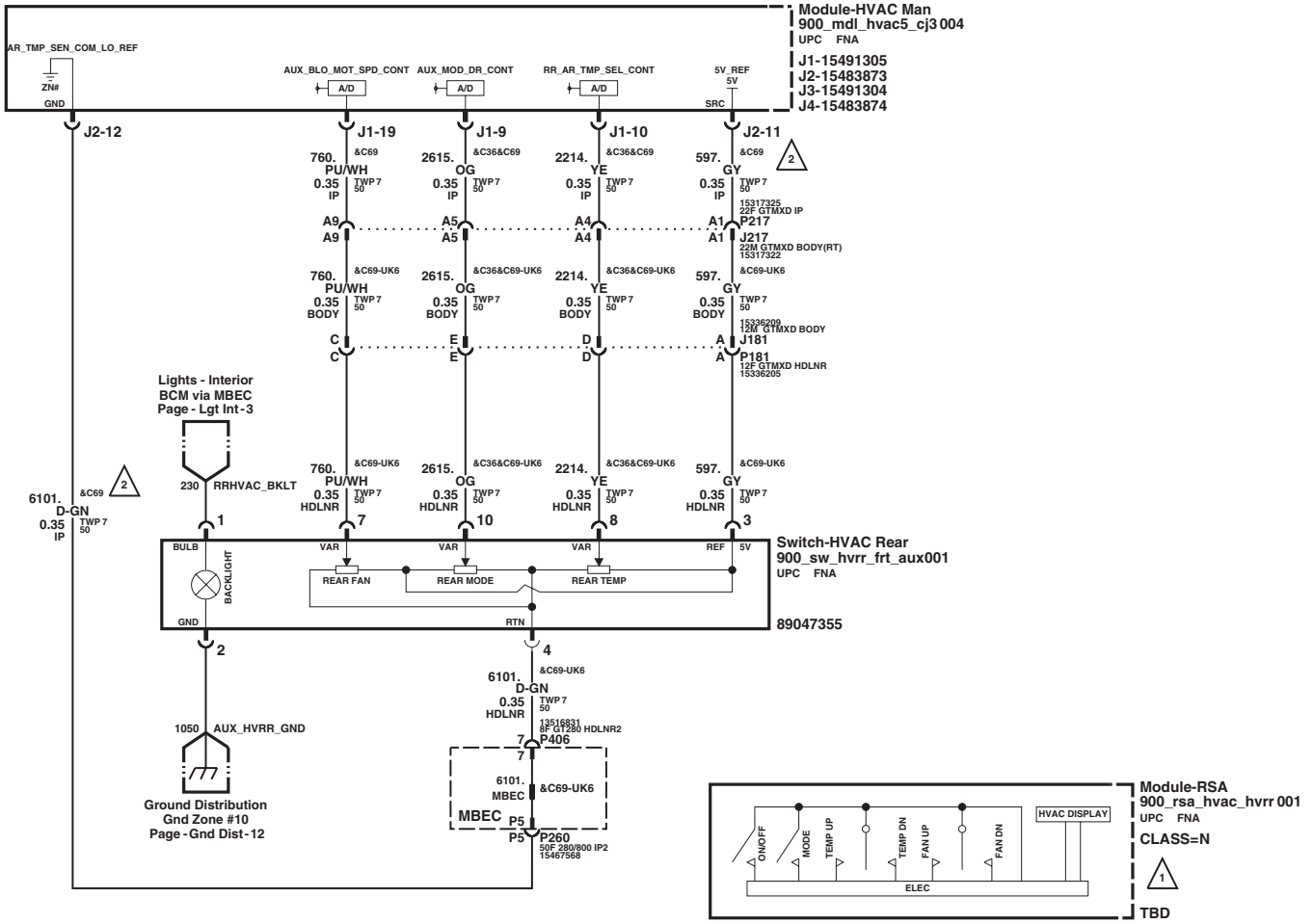
HVAC: Manual



HVAC: Manual	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Released 07 GMT900	1_07_hvac_man	013	SSF	1	s	12:48:06 pm	GMT900	&CJ3
Panel Set: 4 of 7 schematic sheet1 4	$IVEDWORK/1_07_hvac_man__013				Monday, October 3, 2005			

GM Proprietary

HVAC: Manual

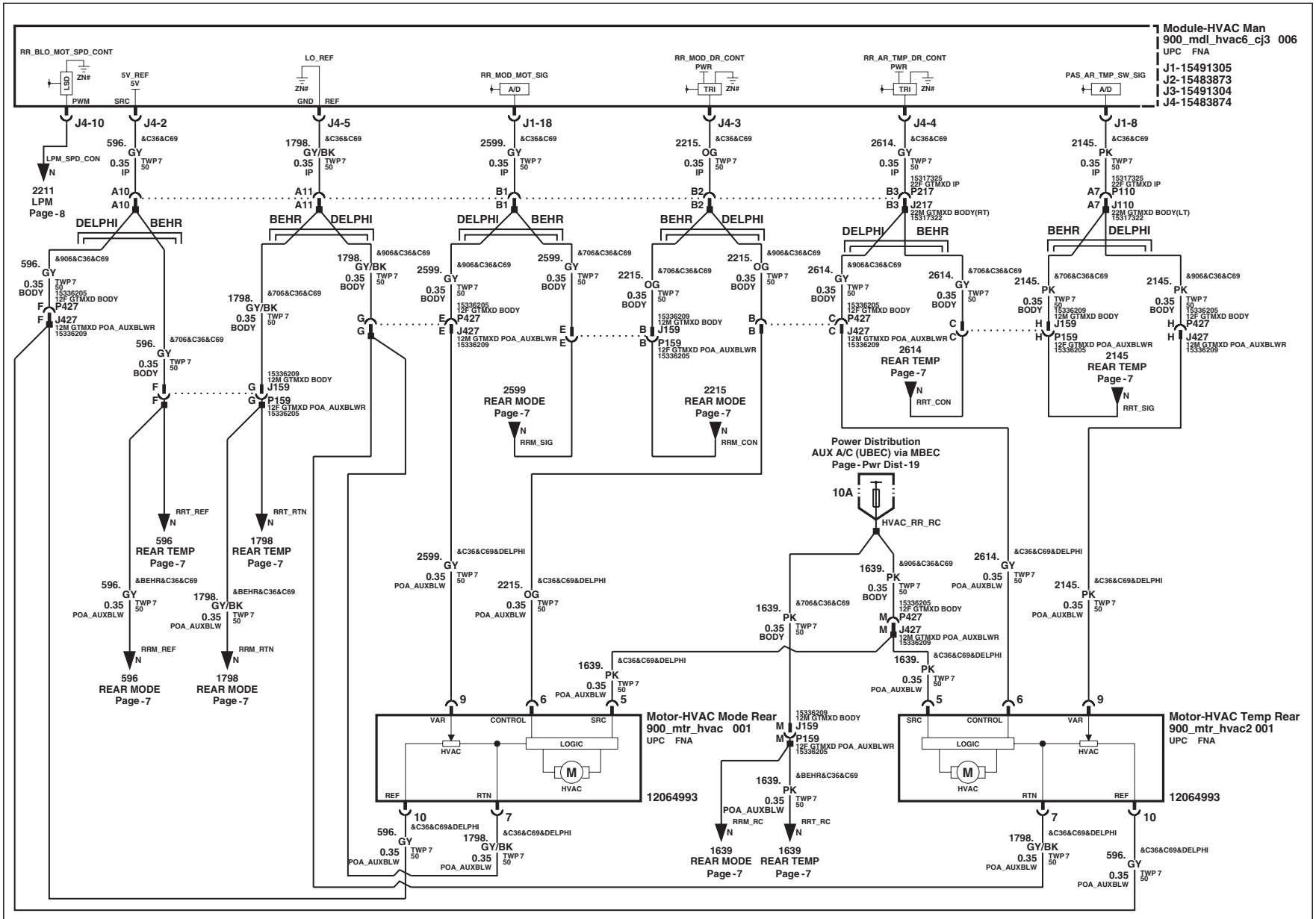


NOTES

- 1 — INTEGRATED RSA/RHVAC CONTROLS FOR &C69&UK6
- 2 — "-UK6" REMOVED FROM WIRES AS GIVE AWAY FOR IP DUE TO TOOL INADEQUACY.
- — IF TOOL ALLOWS @RPO, THEN RETURN "-UK6".

HVAC: Manual	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	12:48:06 pm	ORGANIZATION	USAGE	
Released 07 GMT900	1_07_hvac_man	013	SSF	1			GMT900	&CJ3	GM Proprietary
Panel Set: 5 of 7 schematic sheet1 4	$IVEDWORK/1_07_hvac_man__013				Monday, October 3, 2005				

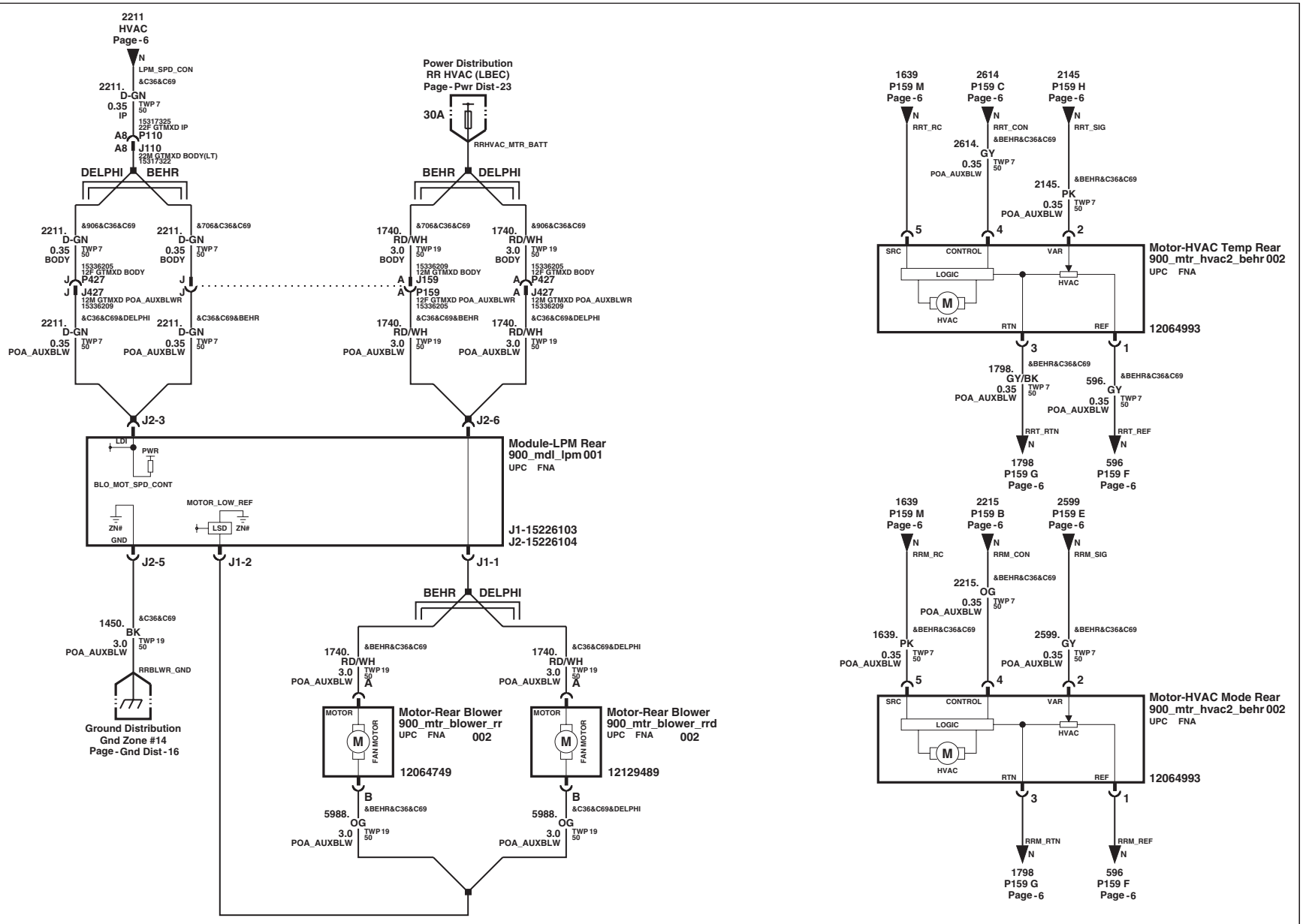
HVAC: Manual



HVAC: Manual	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Released 07 GMT900	1_07_hvac_man	013	SSF	1		12:48:06 pm	GMT900	&CJ3
Panel Set: 6 of 7 schematic sheet1 4	$IVEDWORK/1_07_hvac_man__013				Monday, October 3, 2005			

GM Proprietary

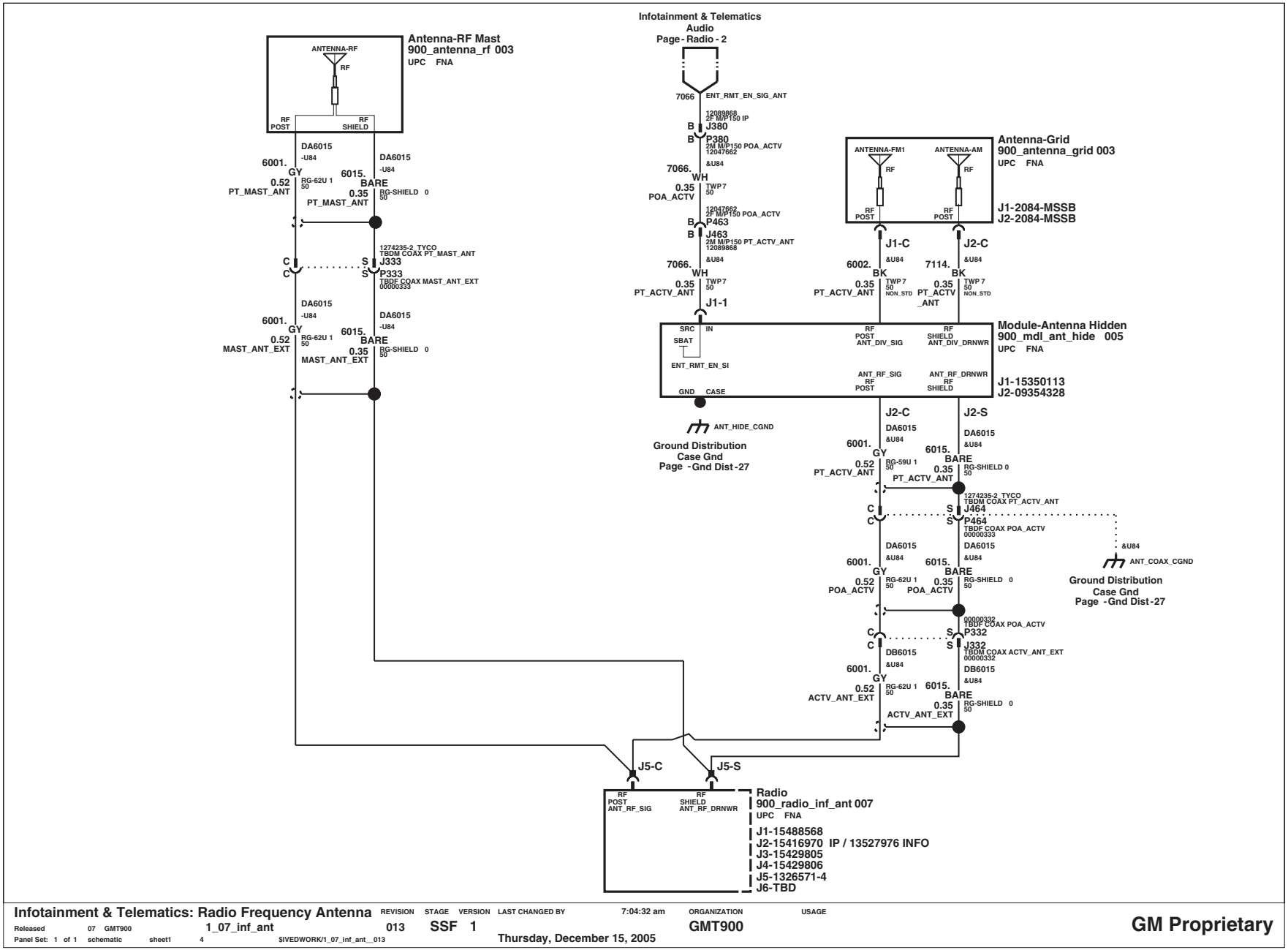
HVAC: Manual



HVAC: Manual	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	12:48:06 pm	ORGANIZATION	USAGE
Released 07 GMT900	1_07_hvac_man	013	SSF	1			GMT900	&CJ3
Panel Set: 7 of 7 schematic sheet1 4	$IVEDWORK/1_07_hvac_man__013				Monday, October 3, 2005			

GM Proprietary

Infotainment & Telematics: Radio Frequency Antenna



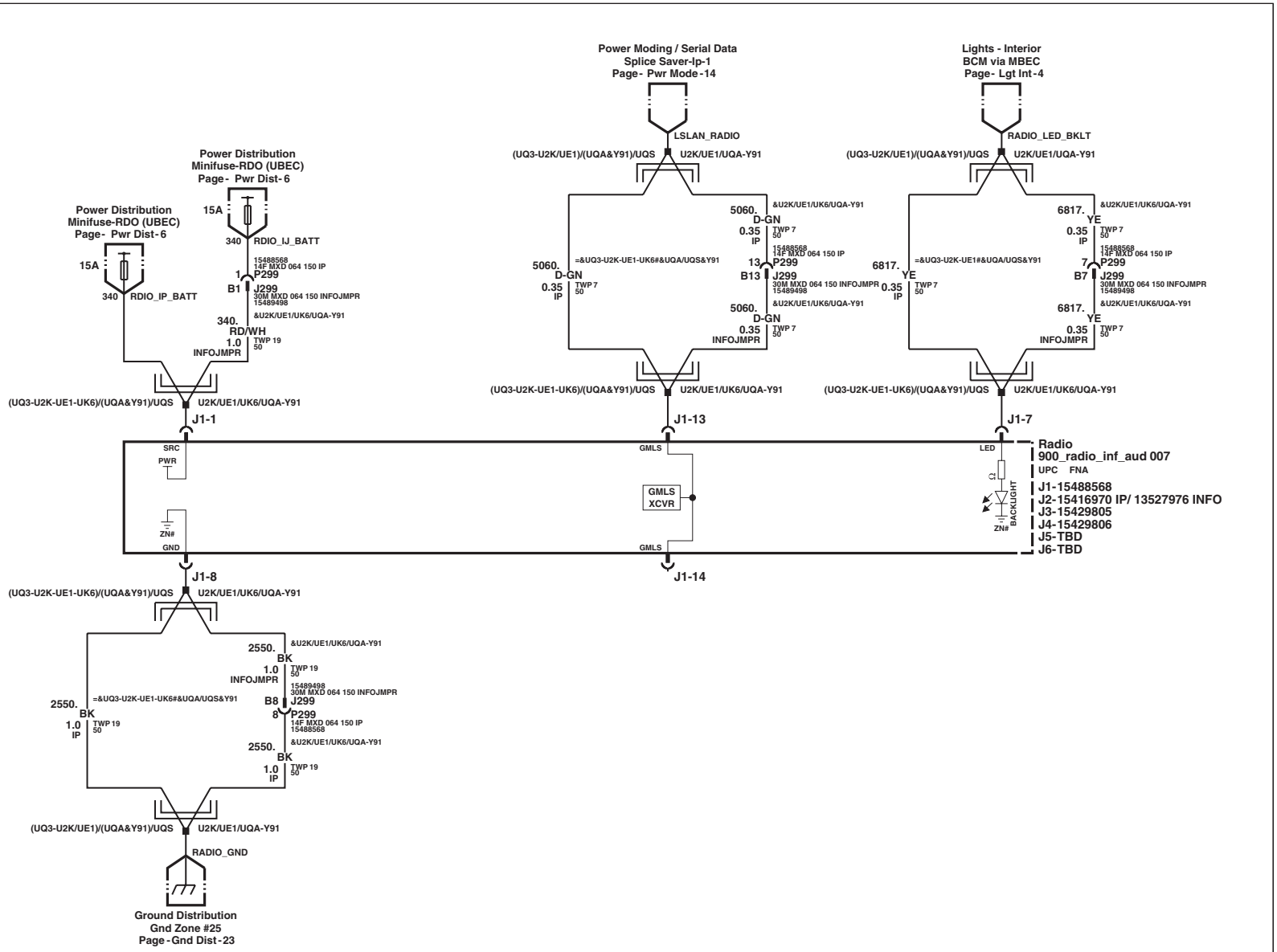
Infotainment & Telematics: Radio Frequency Antenna REVISION STAGE VERSION LAST CHANGED BY 7:04:32 am ORGANIZATION USAGE

Released 07 GMT900 1_07_inf_ant 013 SSF 1 GMT900

Panel Set: 1 of 1 schematic sheet1 4 $IVEDWORK/1_07_inf_ant__013 Thursday, December 15, 2005

GM Proprietary

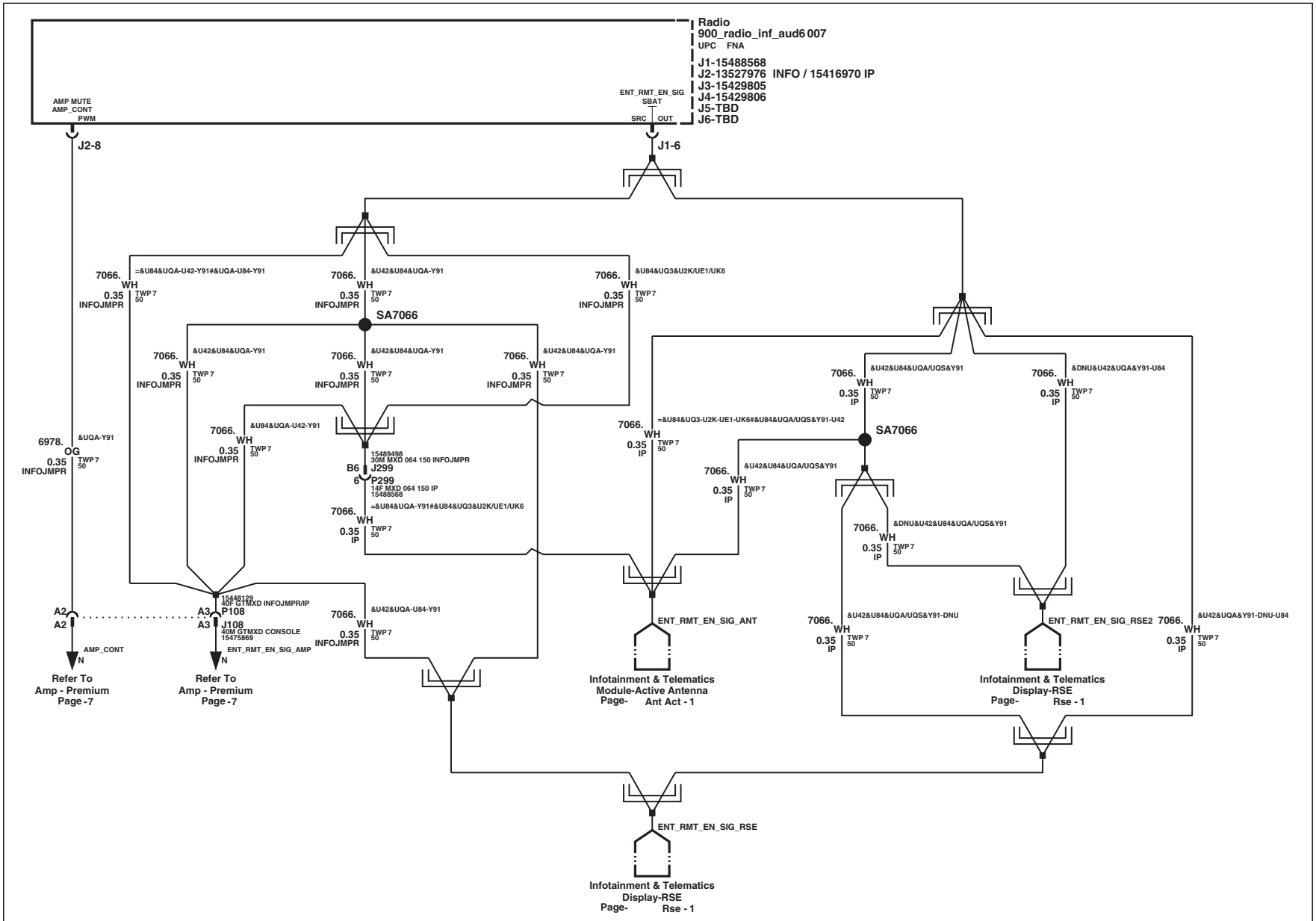
Infotainment & Telematics: Audio



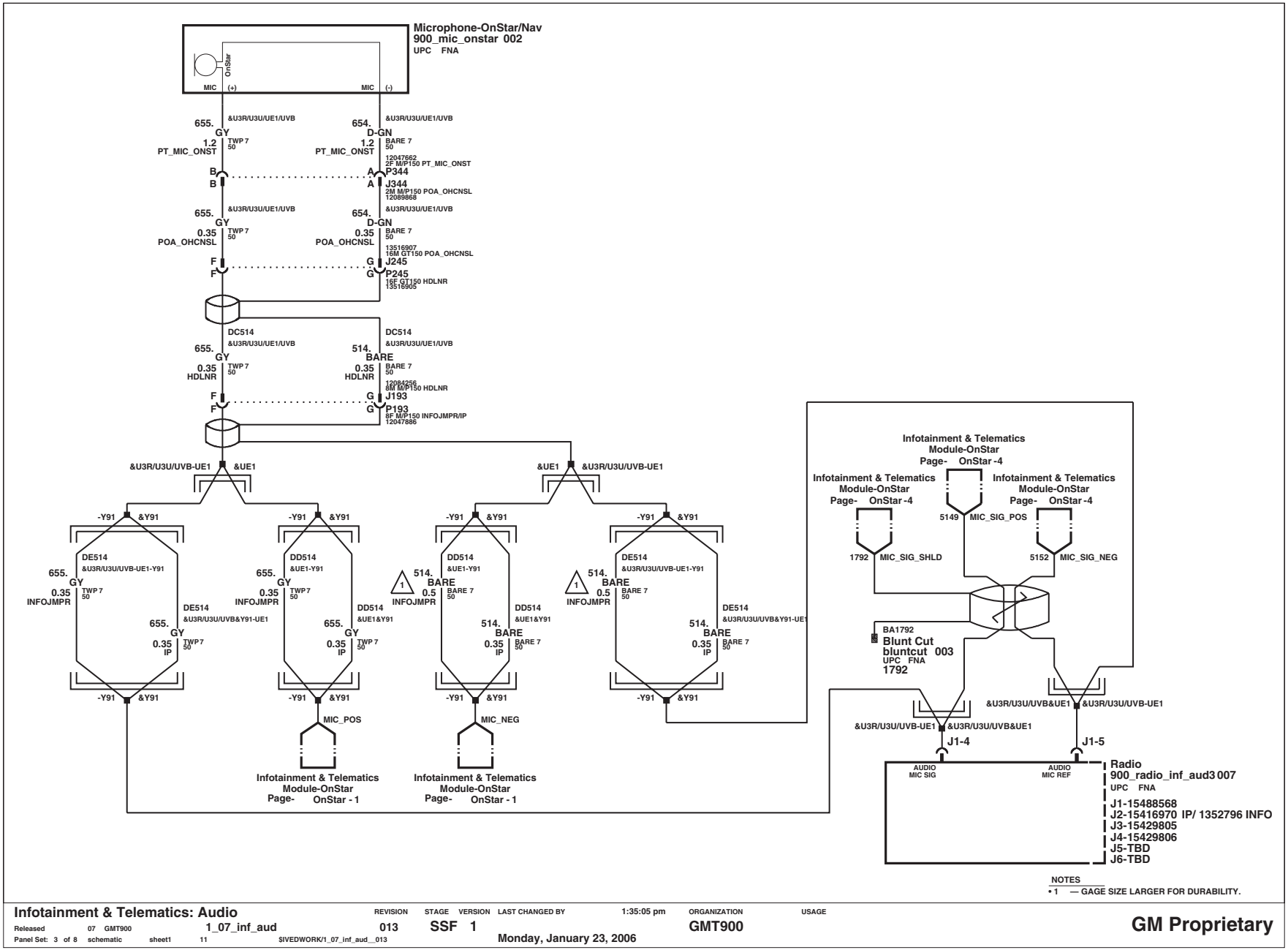
Infotainment & Telematics: Audio

REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Released 07 GMT900 1_07_inf_aud	013	SSF	1	1:35:05 pm	GMT900	GM Proprietary
Panel Set: 1 of 8 schematic sheet1 11 $IVEDWORK/1_07_inf_aud__013				Monday, January 23, 2006		

Infotainment & Telematics: Audio



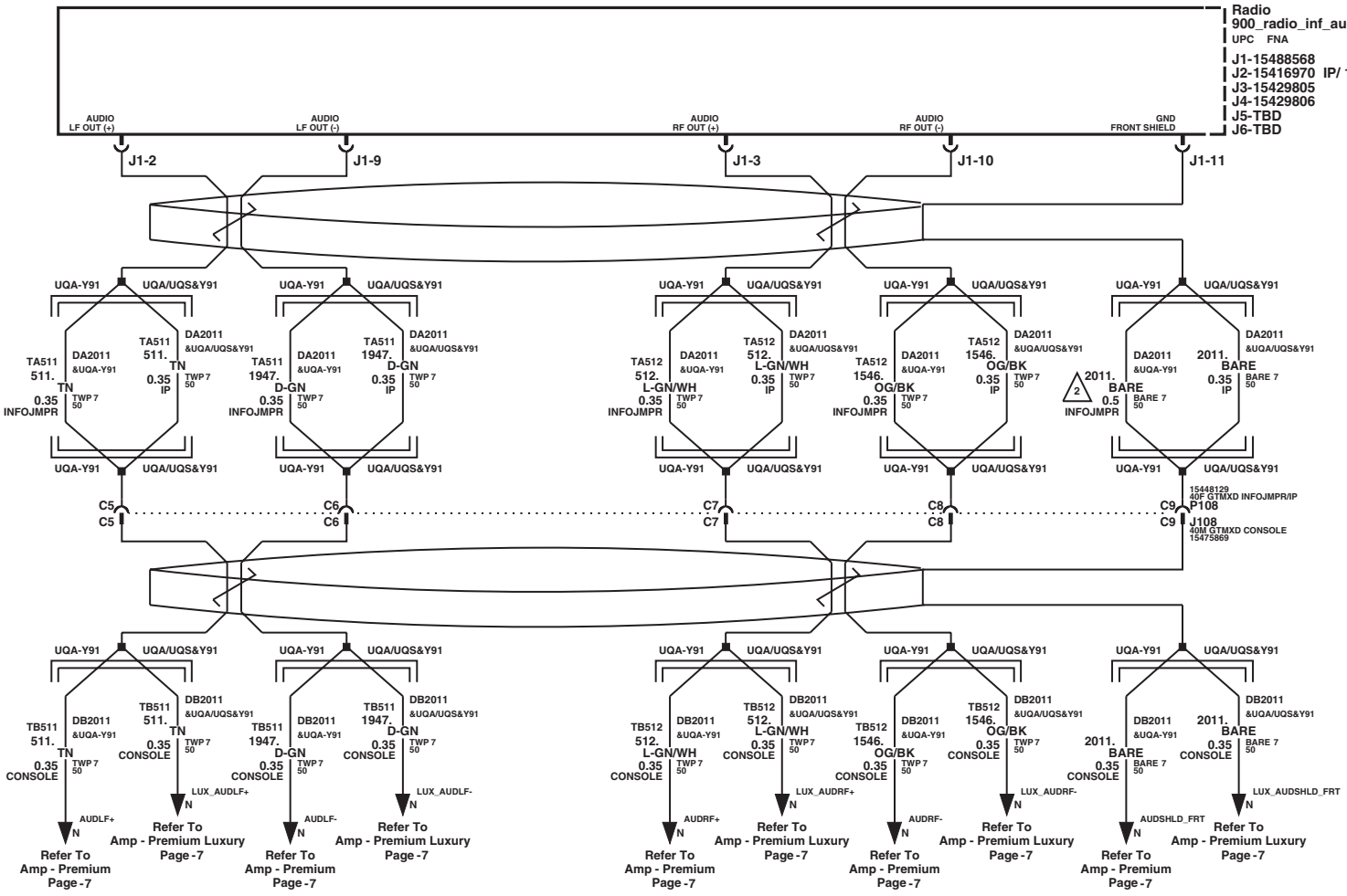
Infotainment & Telematics: Audio



Infotainment & Telematics: Audio

REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Released 07 GMT900	1_07_inf_aud	013	SSF	1	GMT900	GM Proprietary
Panel Set: 3 of 8 schematic sheet1 11	$IVEDWORK/1_07_inf_aud__013		Monday, January 23, 2006			

Infotainment & Telematics: Audio

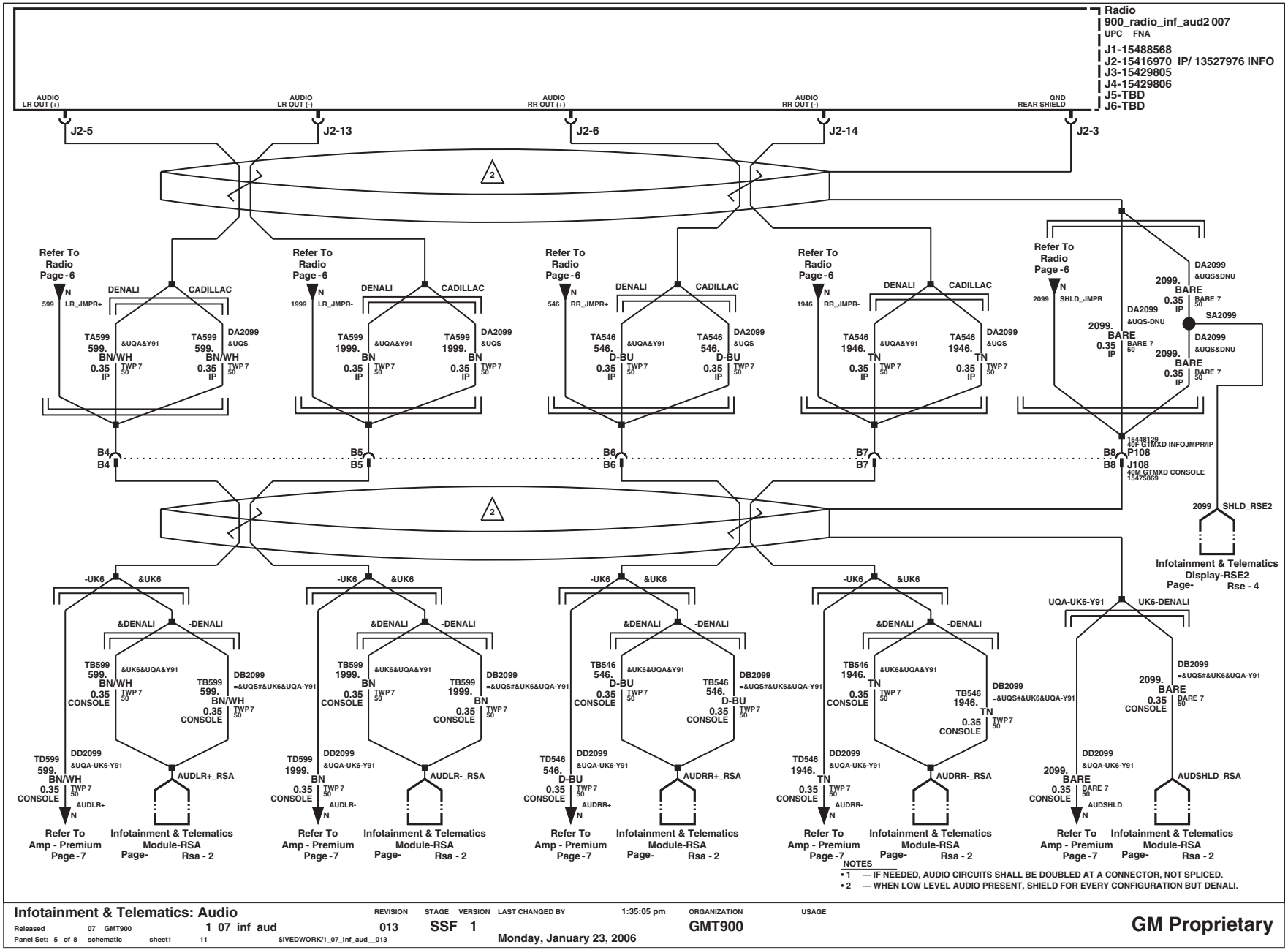


NOTES

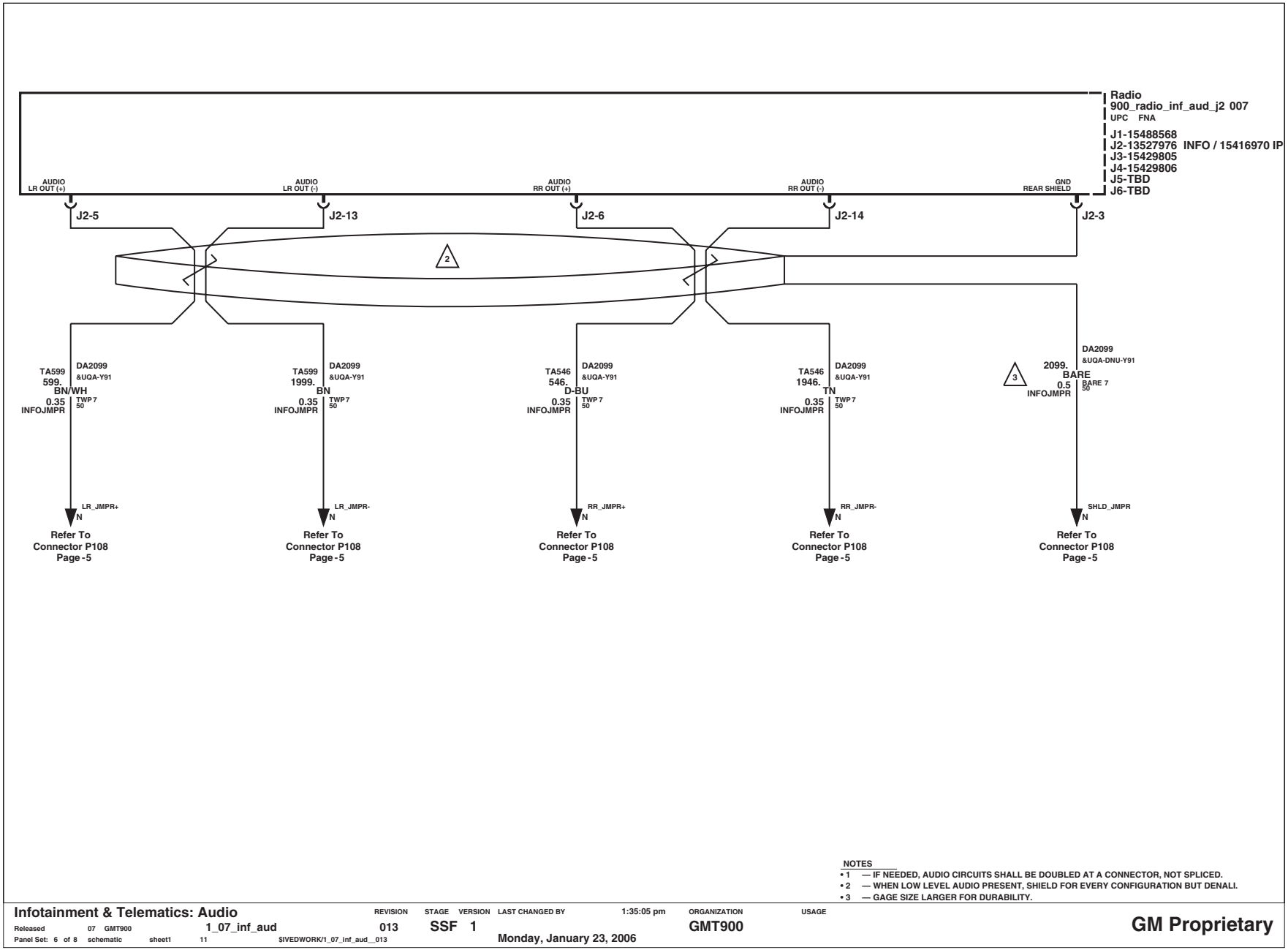
- 1 — IF NEEDED, AUDIO CIRCUITS SHALL BE DOUBLED AT A CONNECTOR, NOT SPLICED.
- 2 — GAGE SIZE LARGER FOR DURABILITY.

Infotainment & Telematics: Audio	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Released 07 GMT900	1_07_inf_aud	013	SSF	1	1:35:05 pm	GMT900	GM Proprietary
Panel Set: 4 of 8 schematic sheet1 11	$IVEDWORK/1_07_inf_aud__013				Monday, January 23, 2006		

Infotainment & Telematics: Audio



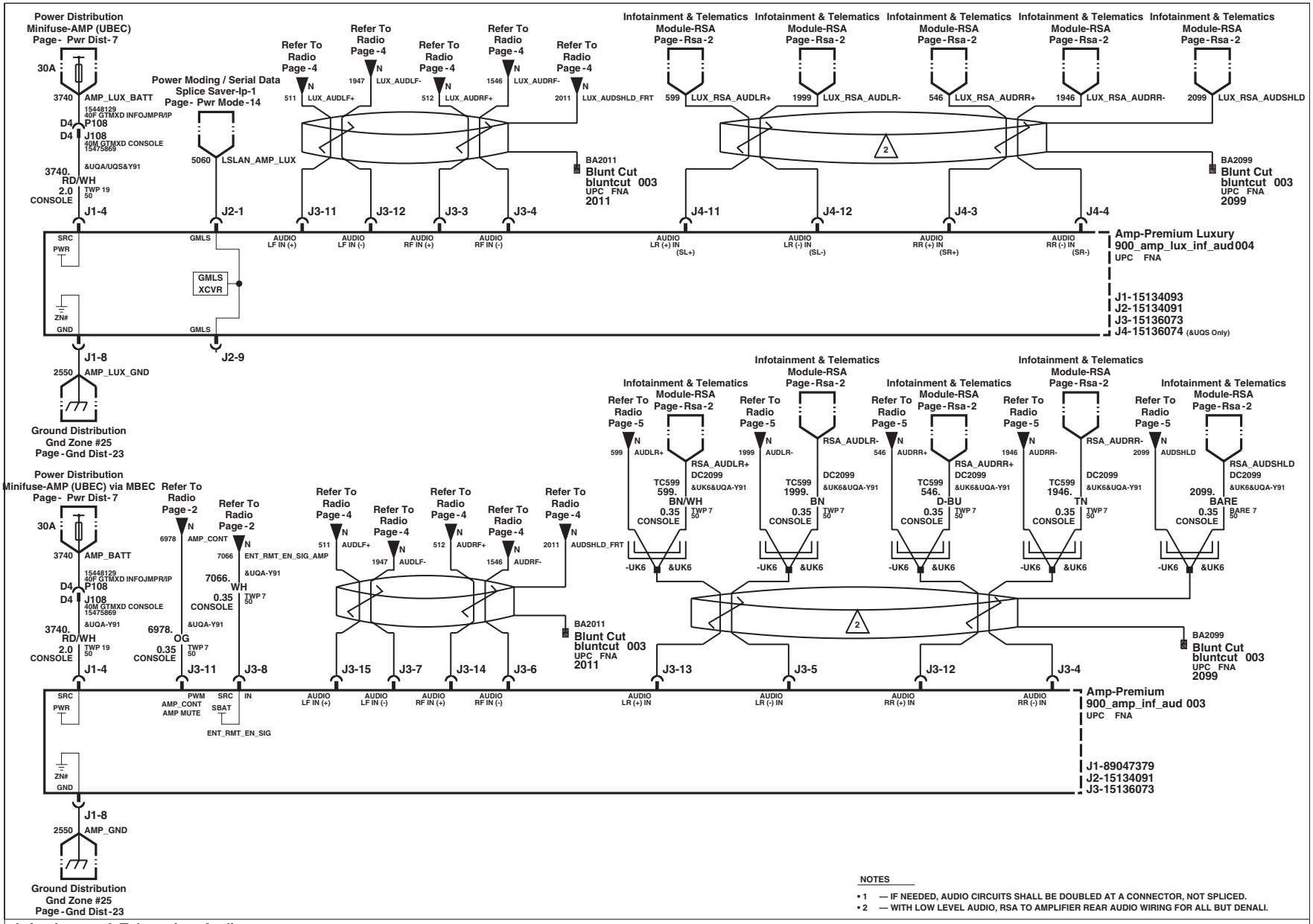
Infotainment & Telematics: Audio



NOTES
- 1 — IF NEEDED, AUDIO CIRCUITS SHALL BE DOUBLED AT A CONNECTOR, NOT SPLICED.
- 2 — WHEN LOW LEVEL AUDIO PRESENT, SHIELD FOR EVERY CONFIGURATION BUT DENALI.
- 3 — GAGE SIZE LARGER FOR DURABILITY.

Infotainment & Telematics: Audio	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Released 07 GMT900 1_07_inf_aud	013	SSF	1		1:35:05 pm	GMT900	GM Proprietary
Panel Set: 6 of 8 schematic sheet1 11 $IVEDWORK/1_07_inf_aud__013				Monday, January 23, 2006			

Infotainment & Telematics: Audio

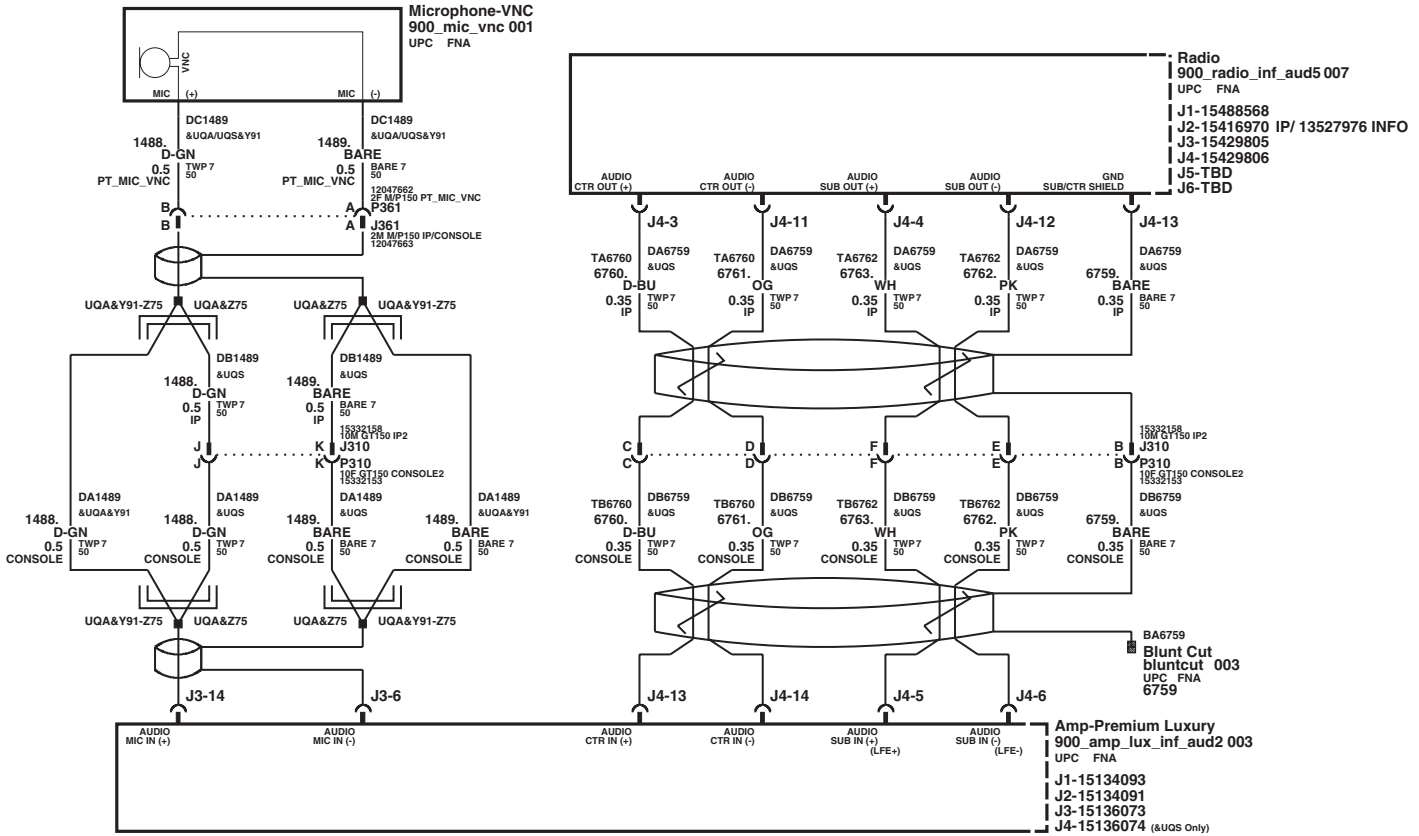


NOTES

- 1 — IF NEEDED, AUDIO CIRCUITS SHALL BE DOUBLED AT A CONNECTOR, NOT SPLICED.
- 2 — WITH LOW LEVEL AUDIO, RSA TO AMPLIFIER REAR AUDIO WIRING FOR ALL BUT DENALI.

Infotainment & Telematics: Audio	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE	
Released 07 GMT900	1_07_inf_aud	013	SSF	1	1:35:05 pm	GMT900		GM Proprietary
Panel Set: 7 of 8 schematic sheet1 11	$IVEDWORK/1_07_inf_aud__013				Monday, January 23, 2006			

Infotainment & Telematics: Audio

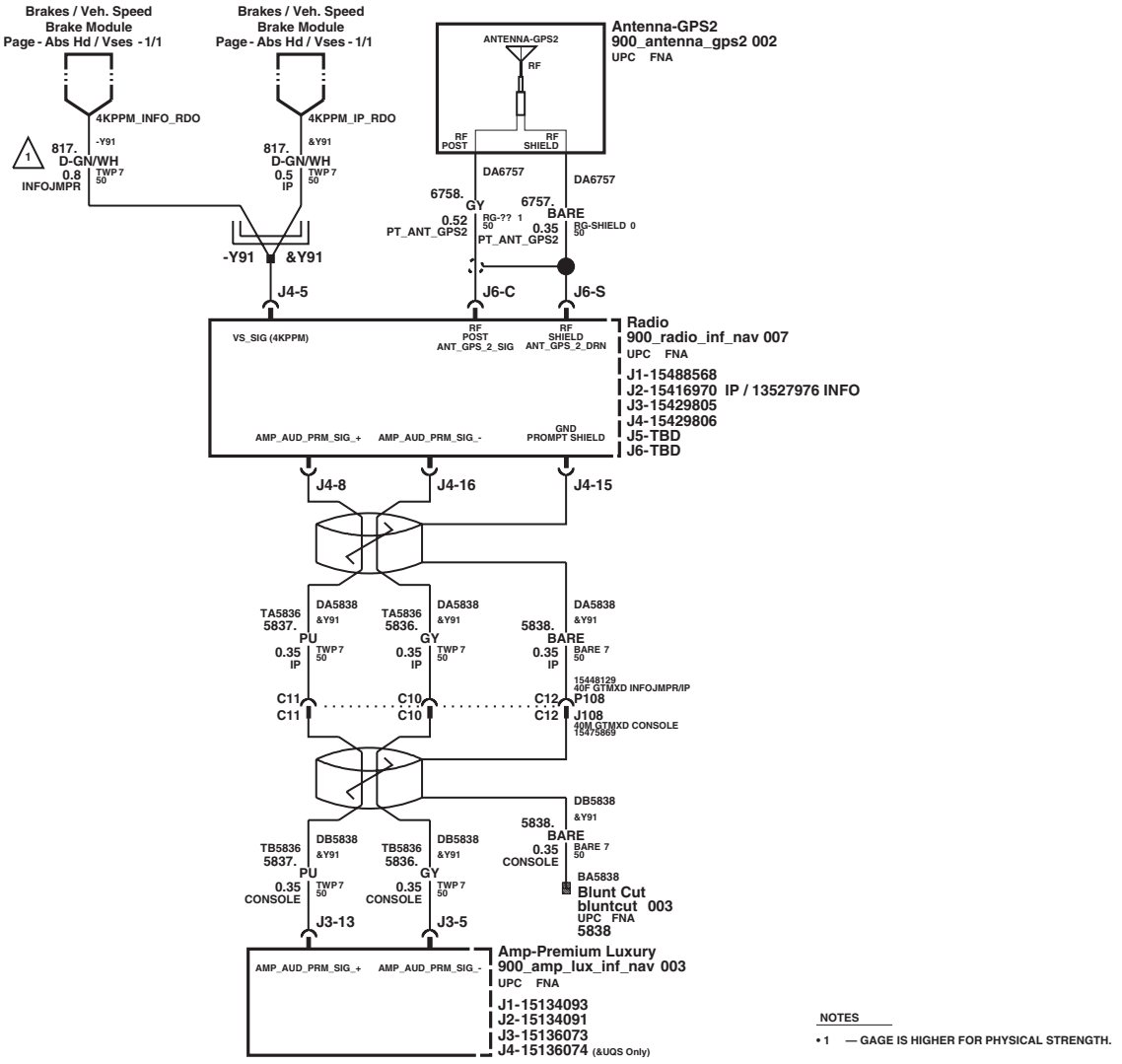


NOTES

- 1 — IF NEEDED, AUDIO CIRCUITS SHALL BE DOUBLED AT A CONNECTOR, NOT SPLICED.
- 2 — COMPOSITE VIDEO INPUT FROM REAR VISION CAMERA SHOWN IN OBSTACLE DETECTION.

Infotainment & Telematics: Audio	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Released 07 GMT900	1_07_inf_aud	013	SSF	1	1:35:05 pm	GMT900	GM Proprietary
Panel Set: 8 of 8 schematic sheet1 11	$IVEDWORK/1_07_inf_aud__013				Monday, January 23, 2006		

Infotainment & Telematics: Navigation

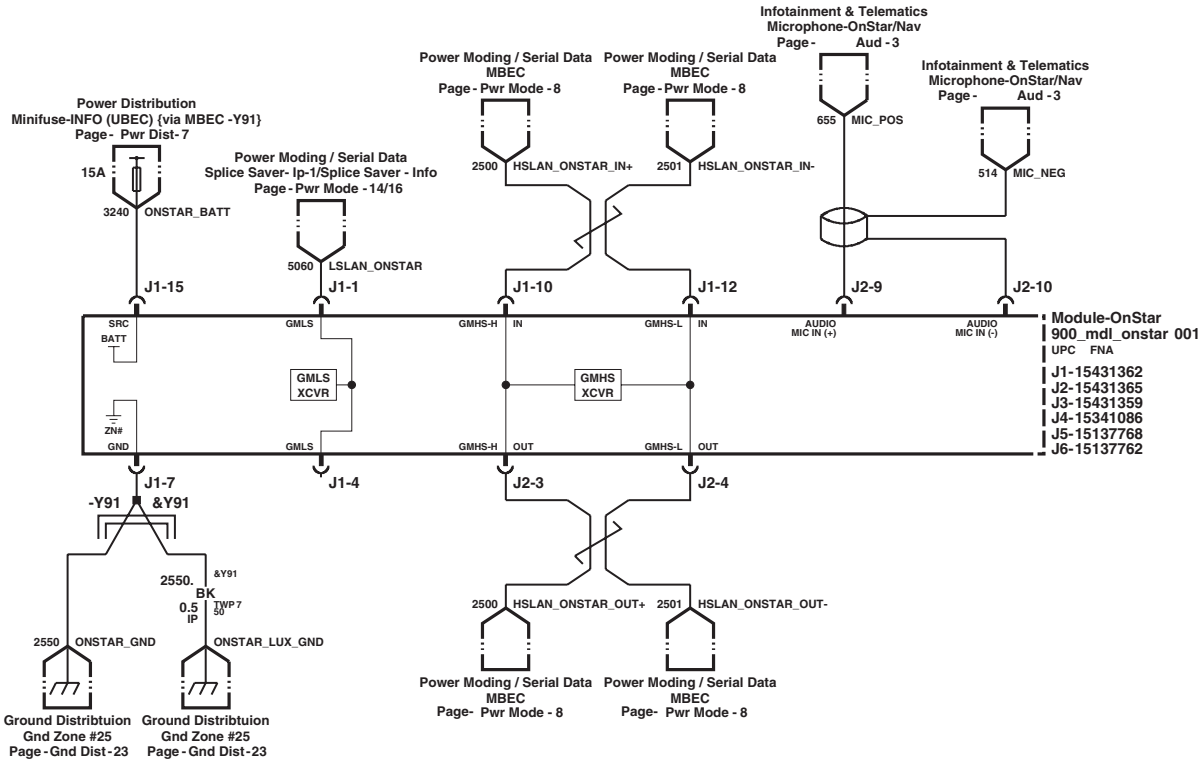


Infotainment & Telematics: Navigation

REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Released 07 GMT900		1_07_inf_nav	013	SSF 1	GMT900	&U3R/U3U/UVB
Panel Set: 1 of 1 schematic sheet1 4		$IVEDWORK/1_07_inf_nav__013		3:16:47 pm Monday, December 12, 2005		

GM Proprietary

Infotainment & Telematics: OnStar

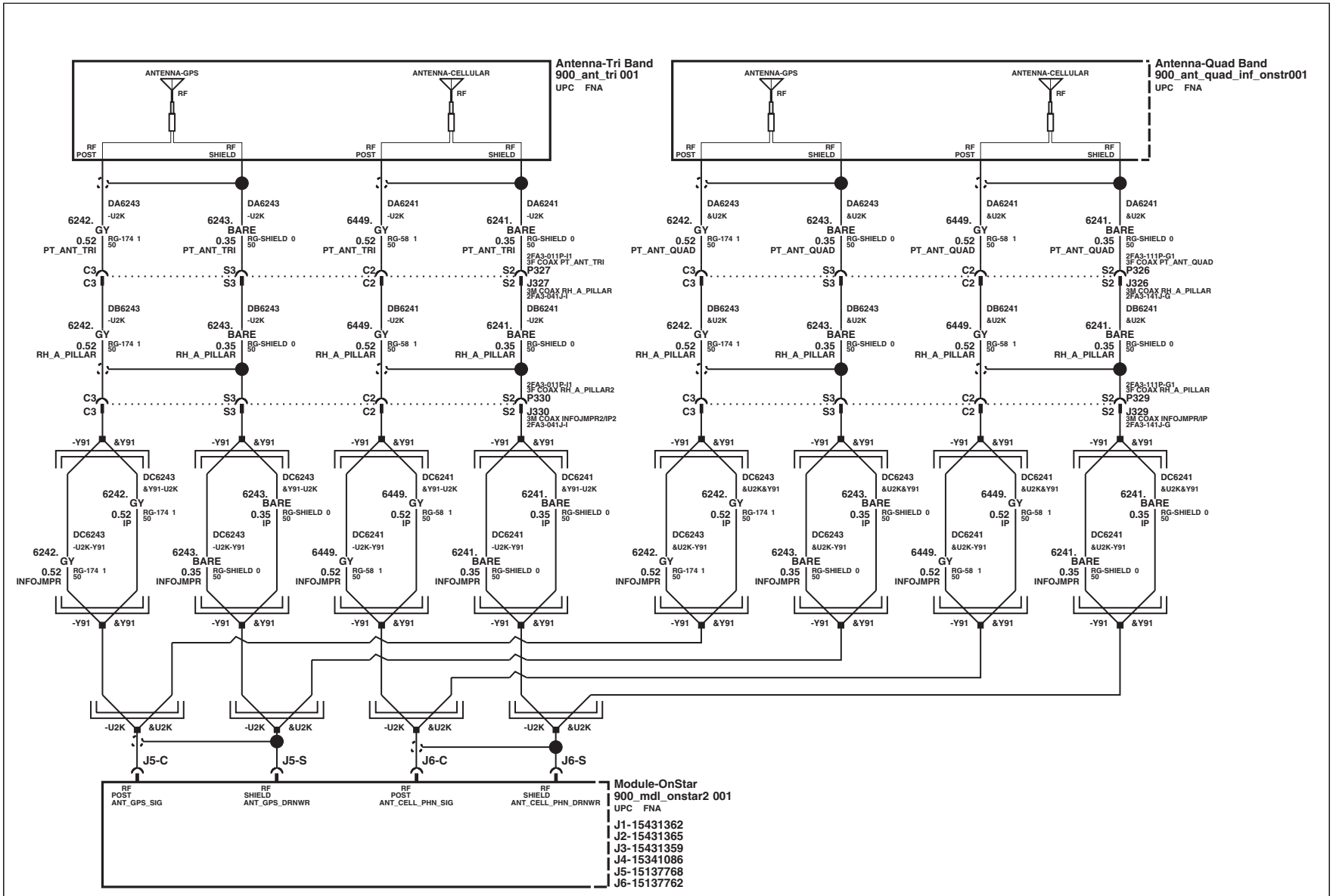


Infotainment & Telematics: OnStar

REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Released 07 GMT900	1_07_inf_onstar	013	SSF	1	GMT900	&UE1
Panel Set: 1 of 4 schematic	sheet1 6	$IVEDWORK/1_07_inf_onstar__013	Monday, January 23, 2006	1:36:39 pm		

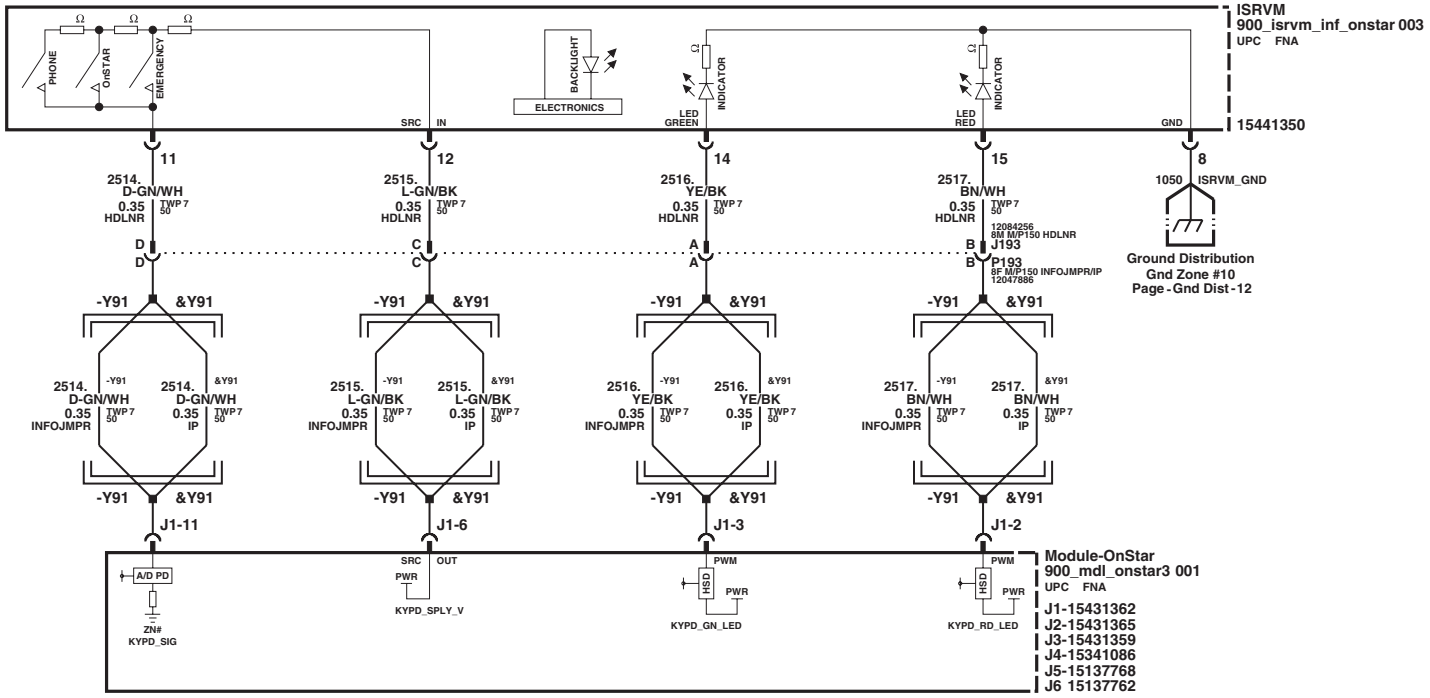
GM Proprietary

Infotainment & Telematics: OnStar



Infotainment & Telematics: OnStar			REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE	
Released	07 GMT900	1_07_inf_onstar	013	SSF	1		1:36:39 pm	GMT900	&UE1	GM Proprietary
Panel Set: 2 of 4	schematic	sheet1 6	$IVEDWORK/1_07_inf_onstar__013				Monday, January 23, 2006			

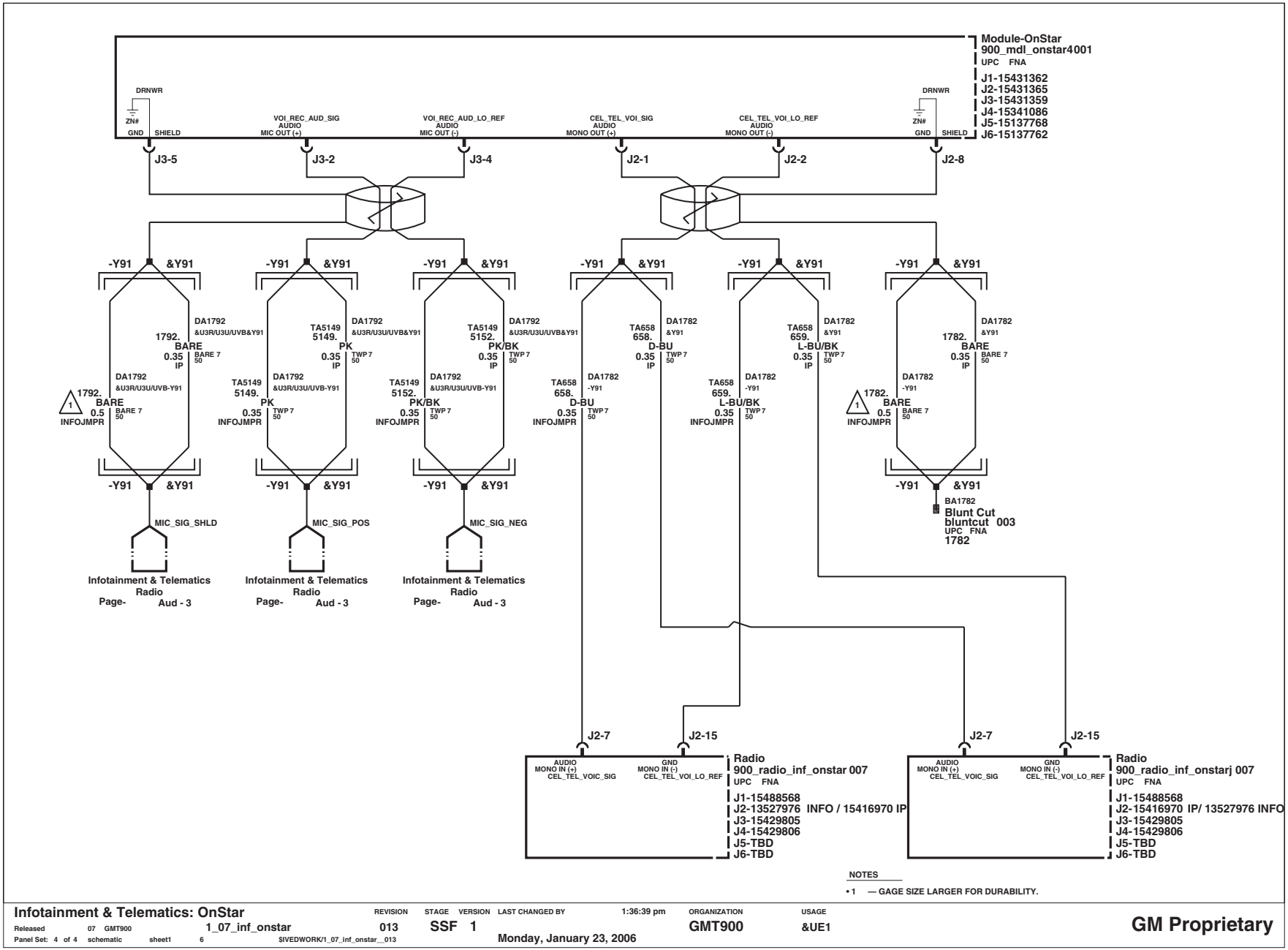
Infotainment & Telematics: OnStar



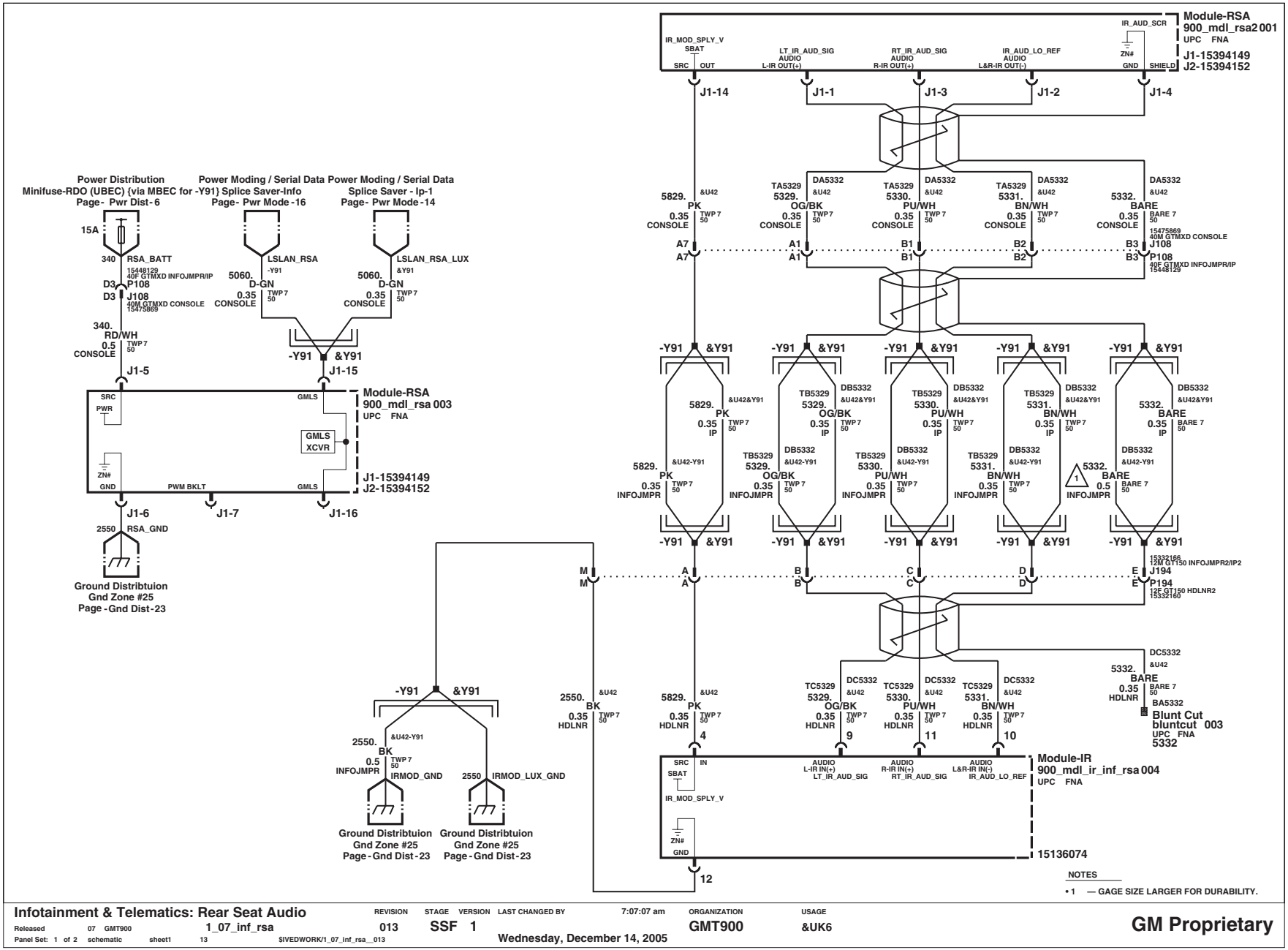
Infotainment & Telematics: OnStar			REVISION	STAGE	VERSION	LAST CHANGED BY	1:36:39 pm	ORGANIZATION	USAGE
Released	07 GMT900	1_07_inf_onstar	013	SSF	1			GMT900	&UE1
Panel Set: 3 of 4	schematic	sheet1 6	$IVEDWORK/1_07_inf_onstar__013			Monday, January 23, 2006			

GM Proprietary

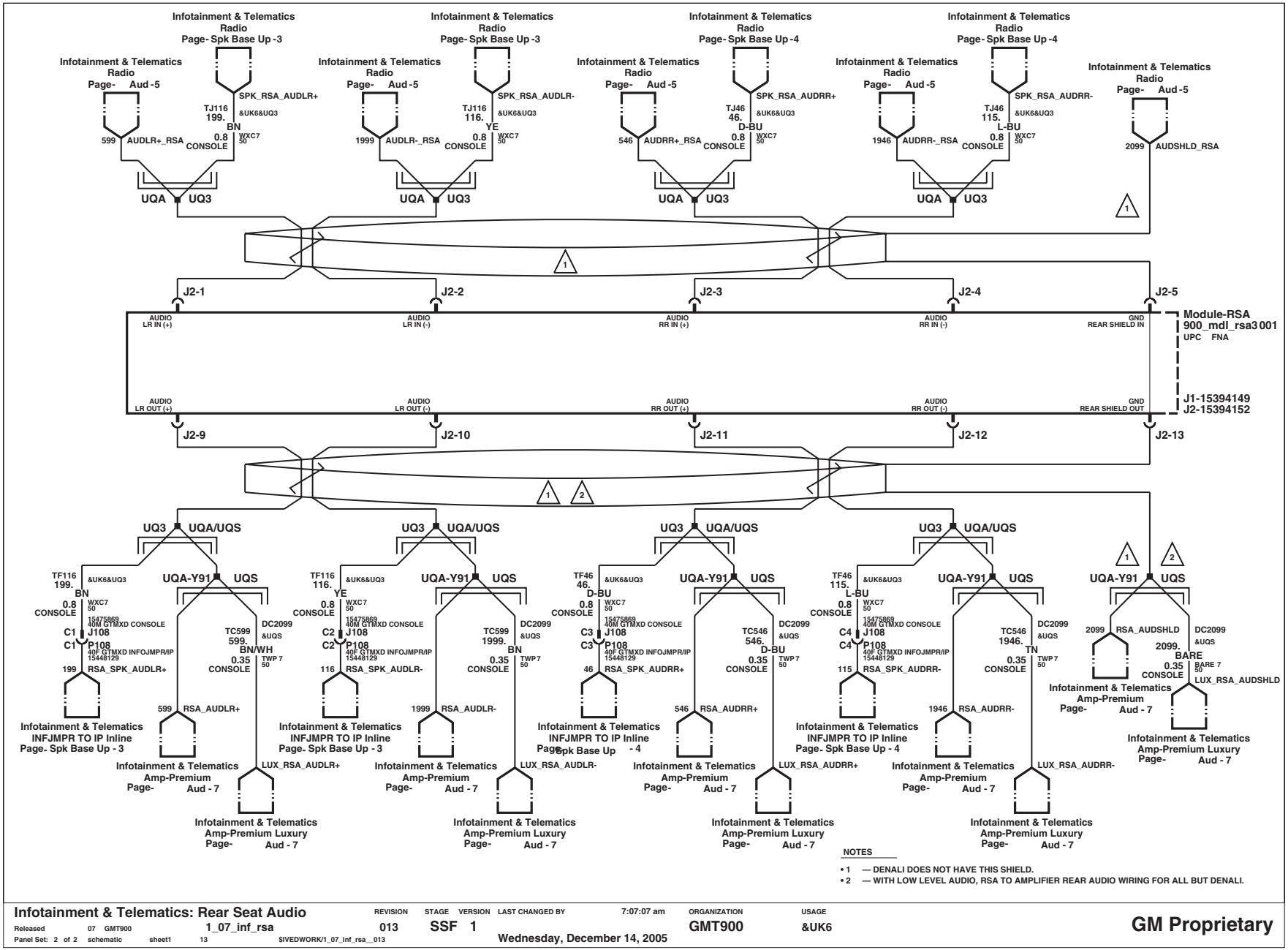
Infotainment & Telematics: OnStar



Infotainment & Telematics: Rear Seat Audio



Infotainment & Telematics: Rear Seat Audio

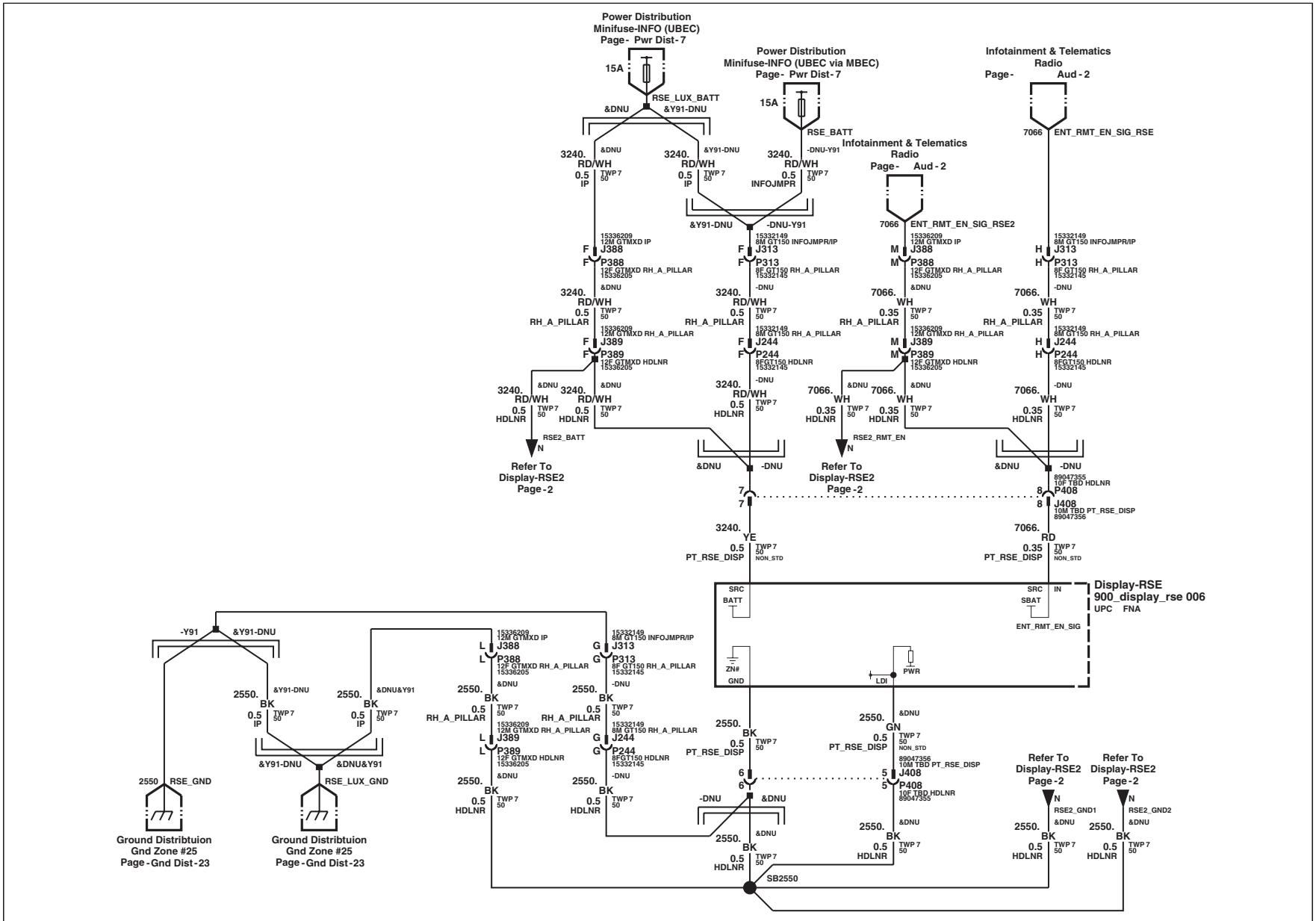


Infotainment & Telematics: Rear Seat Audio

REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Released 07 GMT900		1_07_inf_rsa	013	SSF 1	7:07:07 am	GMT900	&UK6
Panel Set: 2 of 2 schematic sheet1 13		$IVEDWORK/1_07_inf_rsa__013			Wednesday, December 14, 2005		

GM Proprietary

Infotainment & Telematics: Rear Seat Entertainment

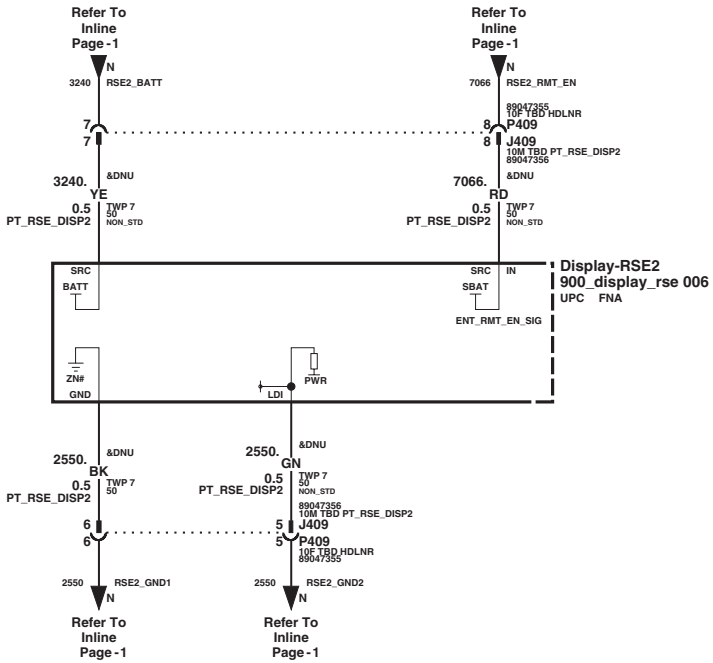


Infotainment & Telematics: Rear Seat Entertainment

REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Released 07 GMT900		1_07_inf_rse	013	SSF 1	GMT900	&U42
Panel Set: 1 of 6 schematic sheet1 8		$IVEDWORK/1_07_inf_rse__013		Monday, January 23, 2006		

GM Proprietary

Infotainment & Telematics: Rear Seat Entertainment



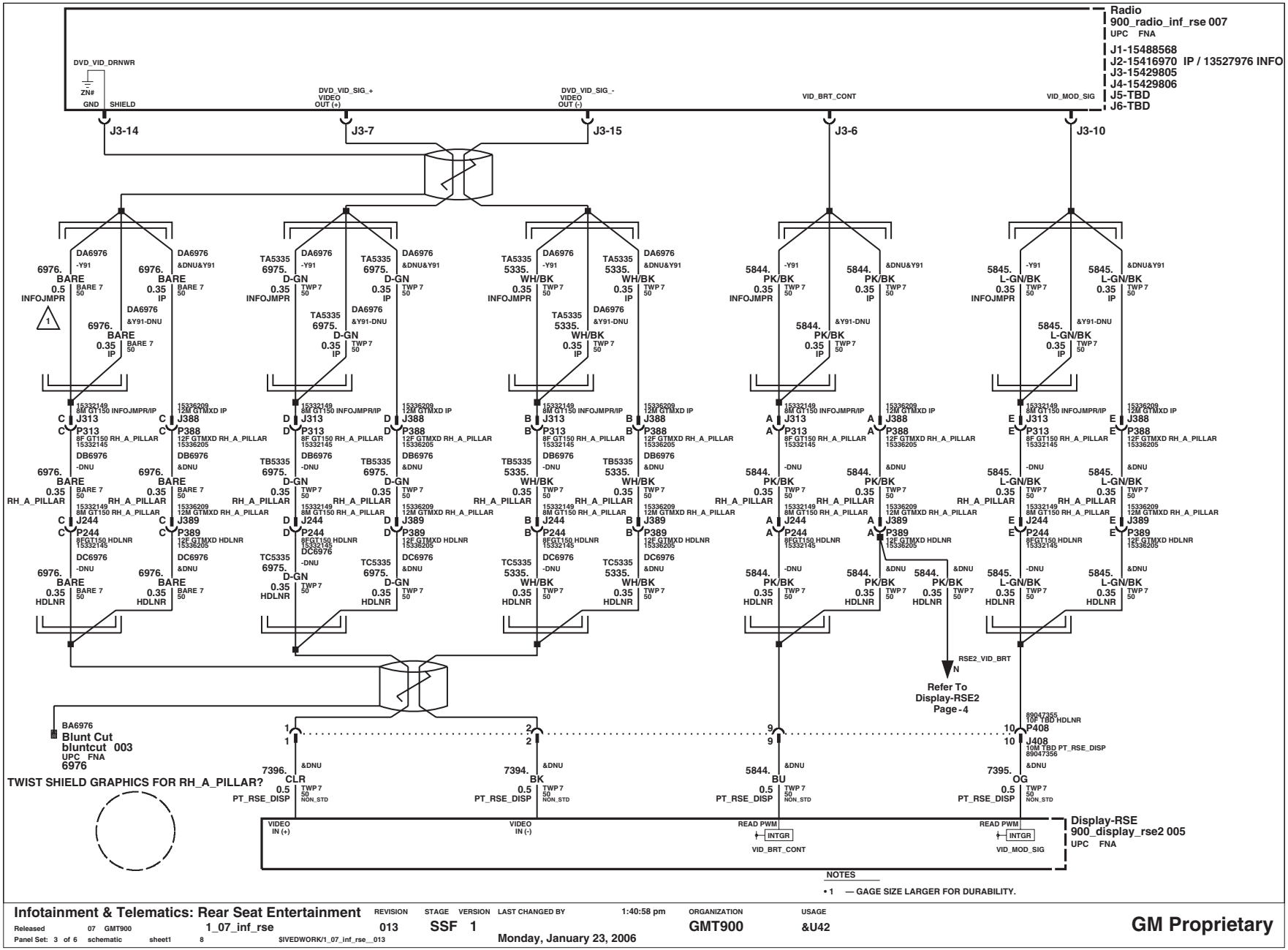
Infotainment & Telematics: Rear Seat Entertainment REVISION STAGE VERSION LAST CHANGED BY 1:40:58 pm ORGANIZATION USAGE

Released 07 GMT900 1_07_inf_rse 013 SSF 1 GMT900 &U42

Panel Set: 2 of 6 schematic sheet1 8 $IVEDWORK/1_07_inf_rse__013 Monday, January 23, 2006

GM Proprietary

Infotainment & Telematics: Rear Seat Entertainment



Infotainment & Telematics: Rear Seat Entertainment

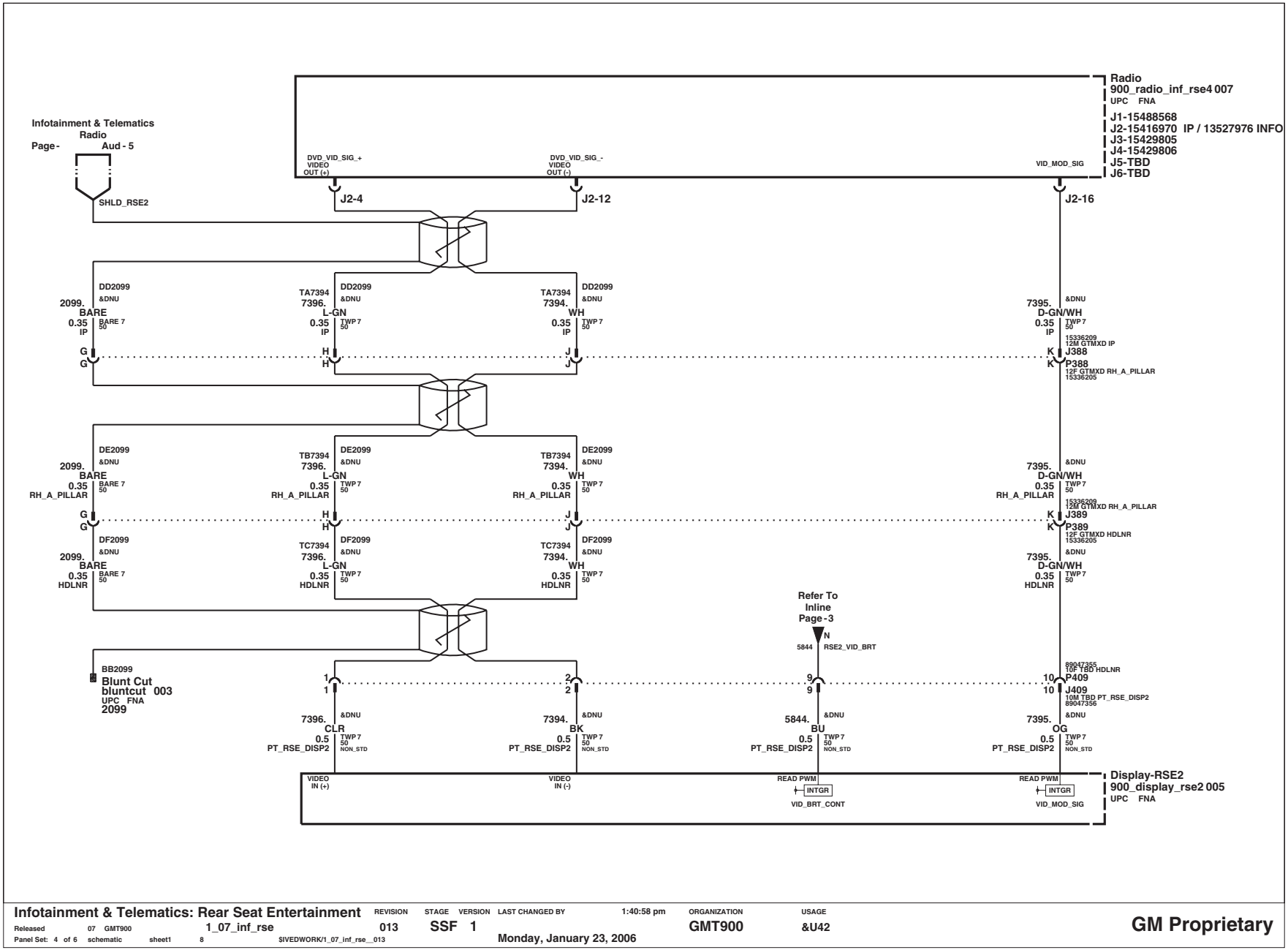
REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Released 07 GMT900	1_07_inf_rse	013	SSF	1	GMT900	&U42

Panel Set: 3 of 6 schematic sheet1 8 $IVEDWORK/1_07_inf_rse__013

Monday, January 23, 2006 1:40:58 pm

GM Proprietary

Infotainment & Telematics: Rear Seat Entertainment

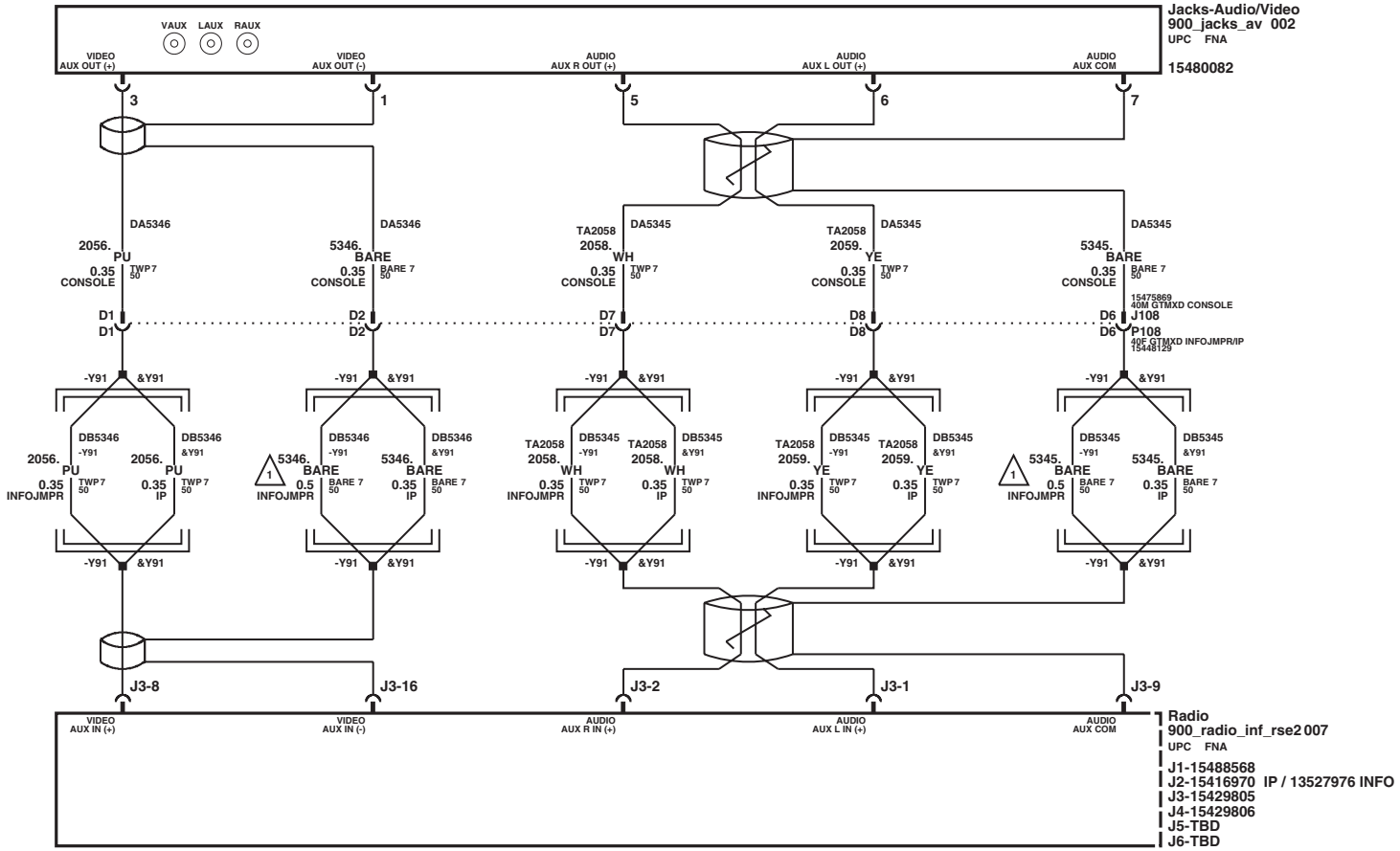


Infotainment & Telematics: Rear Seat Entertainment | REVISION 013 | STAGE SSF | VERSION 1 | LAST CHANGED BY 1_07_inf_rse | 1:40:58 pm | ORGANIZATION GMT900 | USAGE &U42

Released 07 GMT900 | Panel Set: 4 of 6 schematic | sheet1 8 | $IVEDWORK/1_07_inf_rse__013 | Monday, January 23, 2006

GM Proprietary

Infotainment & Telematics: Rear Seat Entertainment

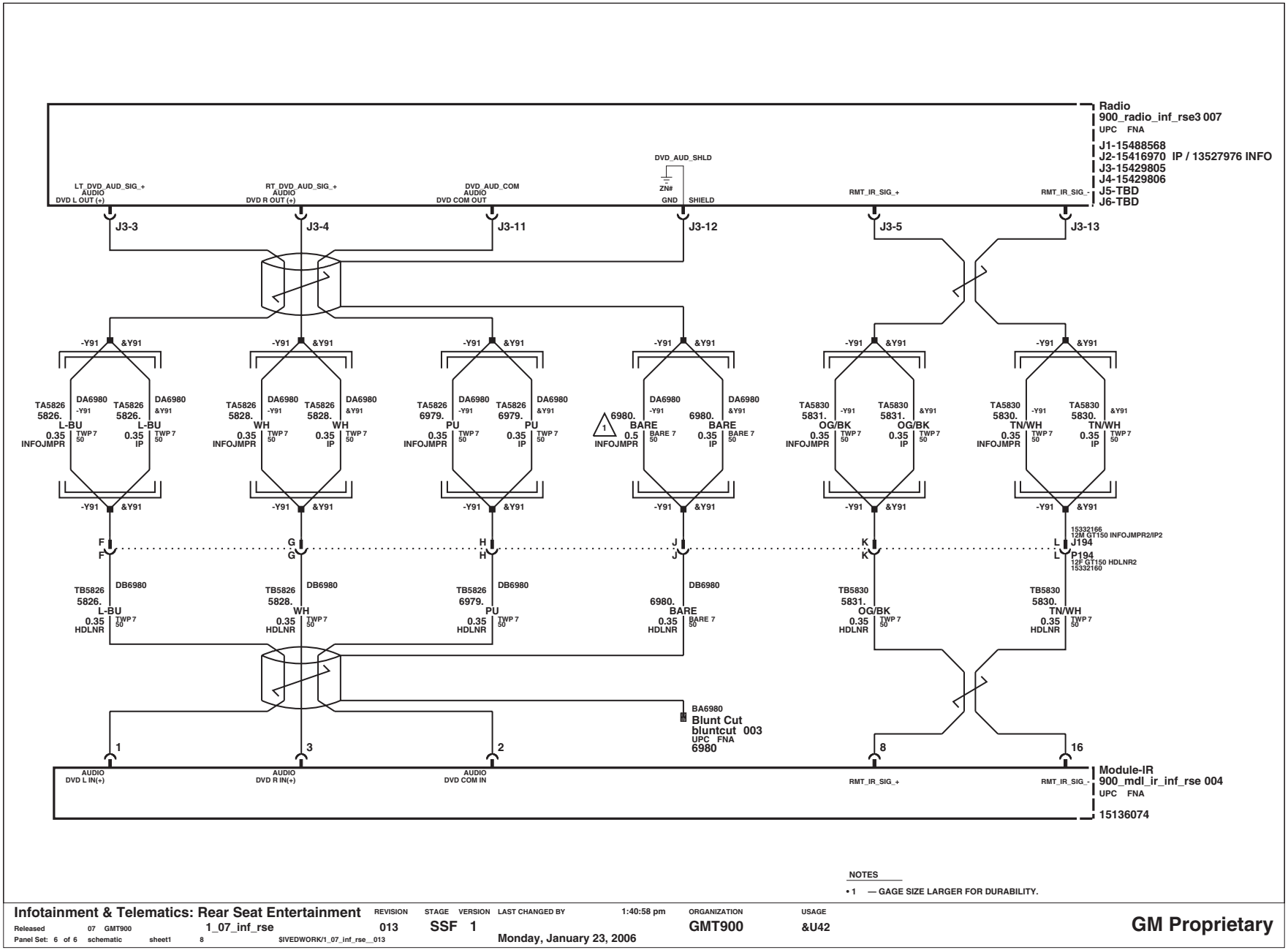


NOTES

• 1 — GAGE SIZE LARGER FOR DURABILITY.

Infotainment & Telematics: Rear Seat Entertainment	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE	
Released 07 GMT900	1_07_inf_rse	013	SSF	1	1:40:58 pm	GMT900	&U42	GM Proprietary
Panel Set: 5 of 6 schematic sheet1 8	$IVEDWORK/1_07_inf_rse__013				Monday, January 23, 2006			

Infotainment & Telematics: Rear Seat Entertainment



NOTES

• 1 — GAGE SIZE LARGER FOR DURABILITY.

Infotainment & Telematics: Rear Seat Entertainment REVISION 013 STAGE SSF VERSION 1 LAST CHANGED BY 1:40:58 pm ORGANIZATION GMT900 USAGE &U42

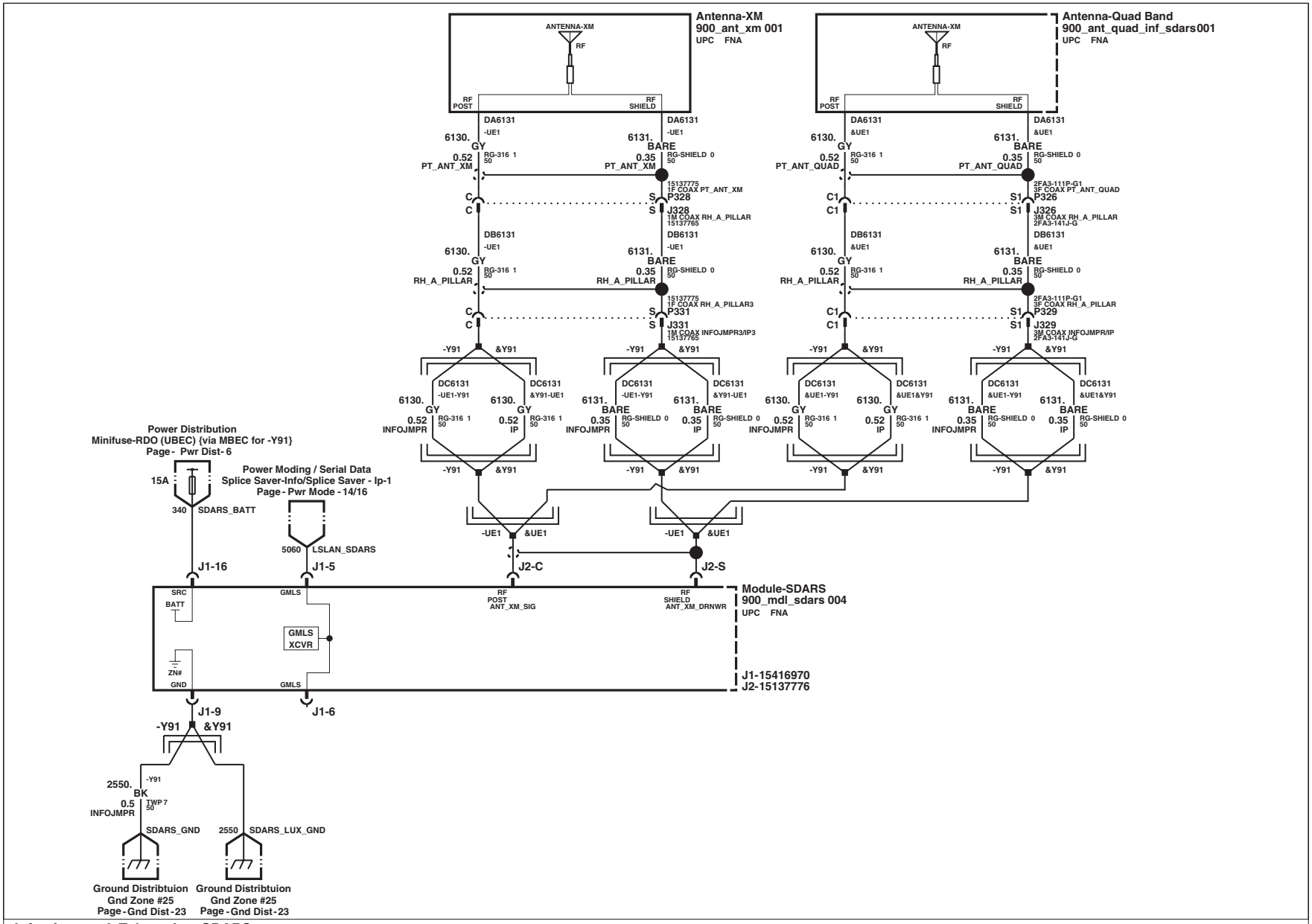
Released 07 GMT900 1_07_inf_rse

Panel Set: 6 of 6 schematic sheet1 8 $IVEDWORK/1_07_inf_rse__013

Monday, January 23, 2006

GM Proprietary

Infotainment & Telematics: SDARS

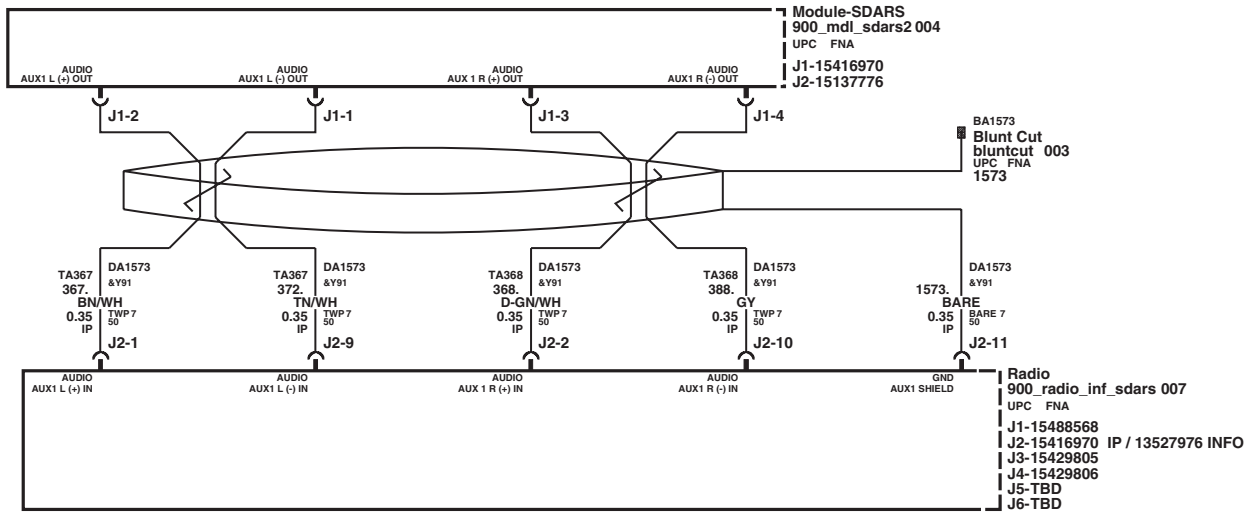


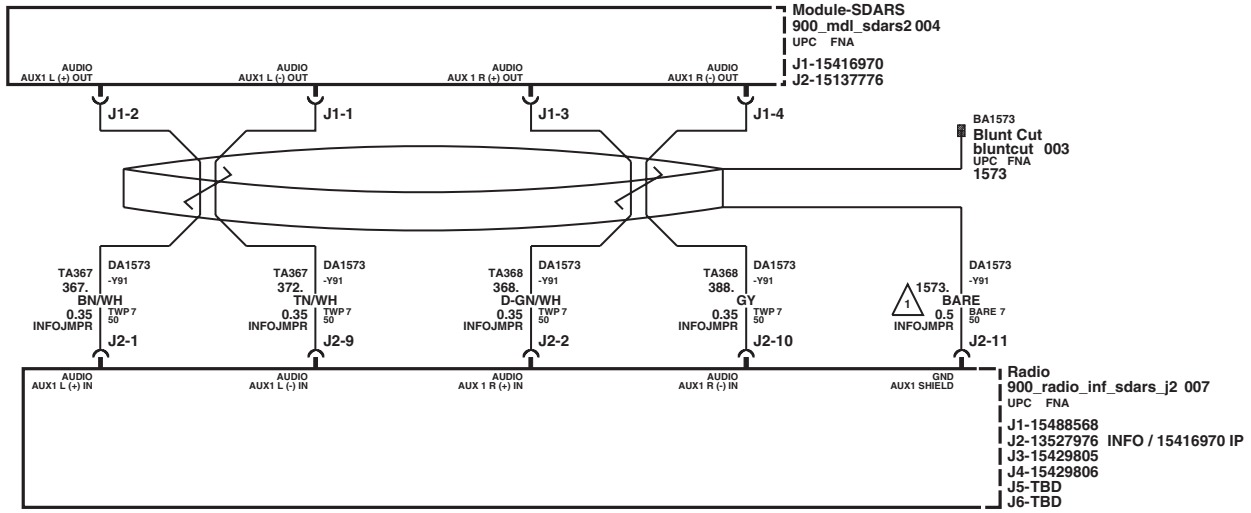
Infotainment & Telematics: SDARS

REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Released 07 GMT900	1_07_inf_sdars	013	SSF	1	GMT900	&U2K
Panel Set: 1 of 2 schematic sheet1 6	$IVEDWORK/1_07_inf_sdars__013		Monday, January 23, 2006	1:39:44 pm		

GM Proprietary

Infotainment & Telematics: SDARS





NOTES

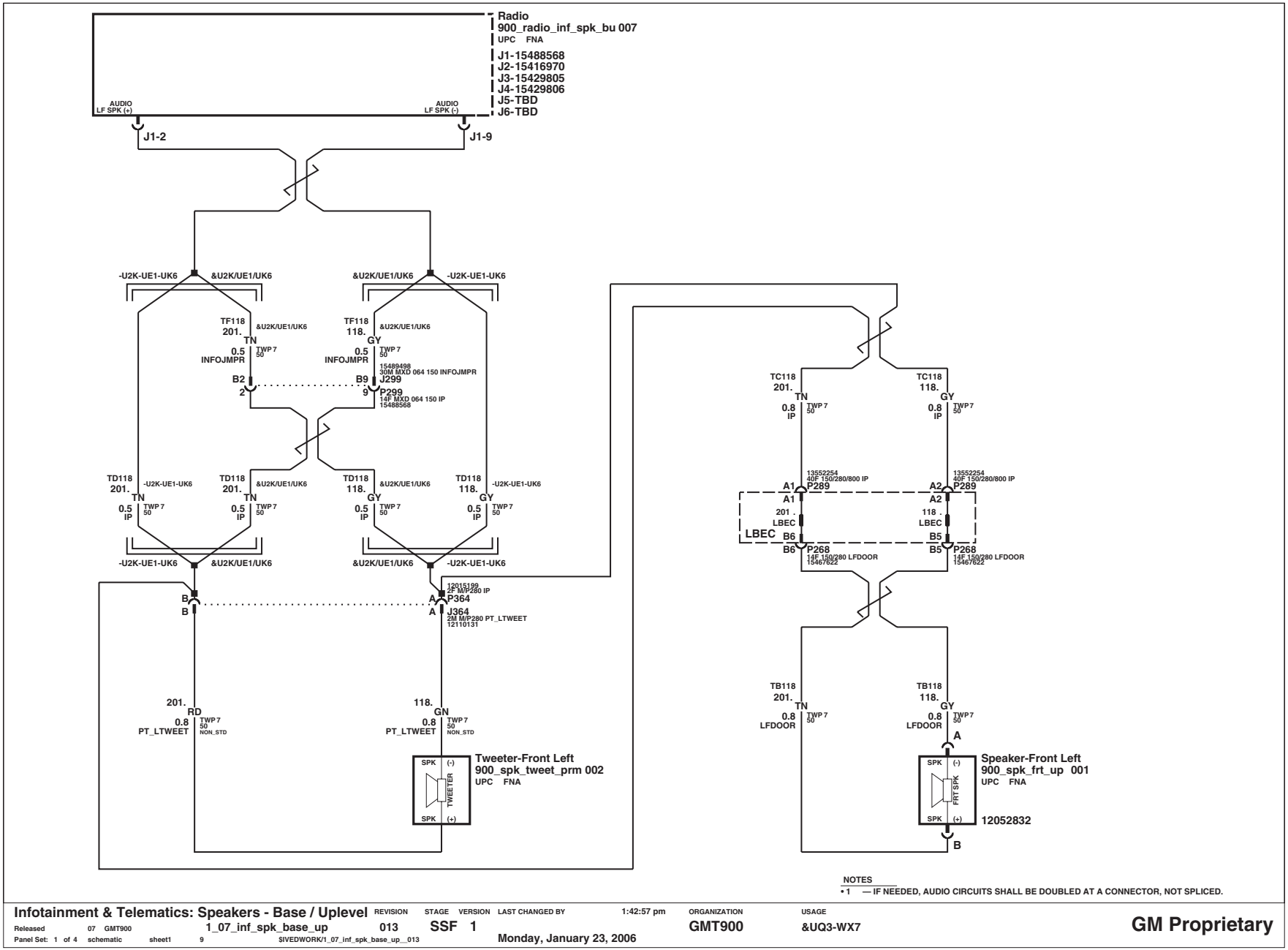
• 1 — GAGE SIZE LARGER FOR DURABILITY.

Infotainment & Telematics: SDARS

REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Released 07 GMT900	1_07_inf_sdars	013	SSF	1	GMT900	&U2K
Panel Set: 2 of 2 schematic	sheet1 6	$IVEDWORK/1_07_inf_sdars__013		Monday, January 23, 2006		

GM Proprietary

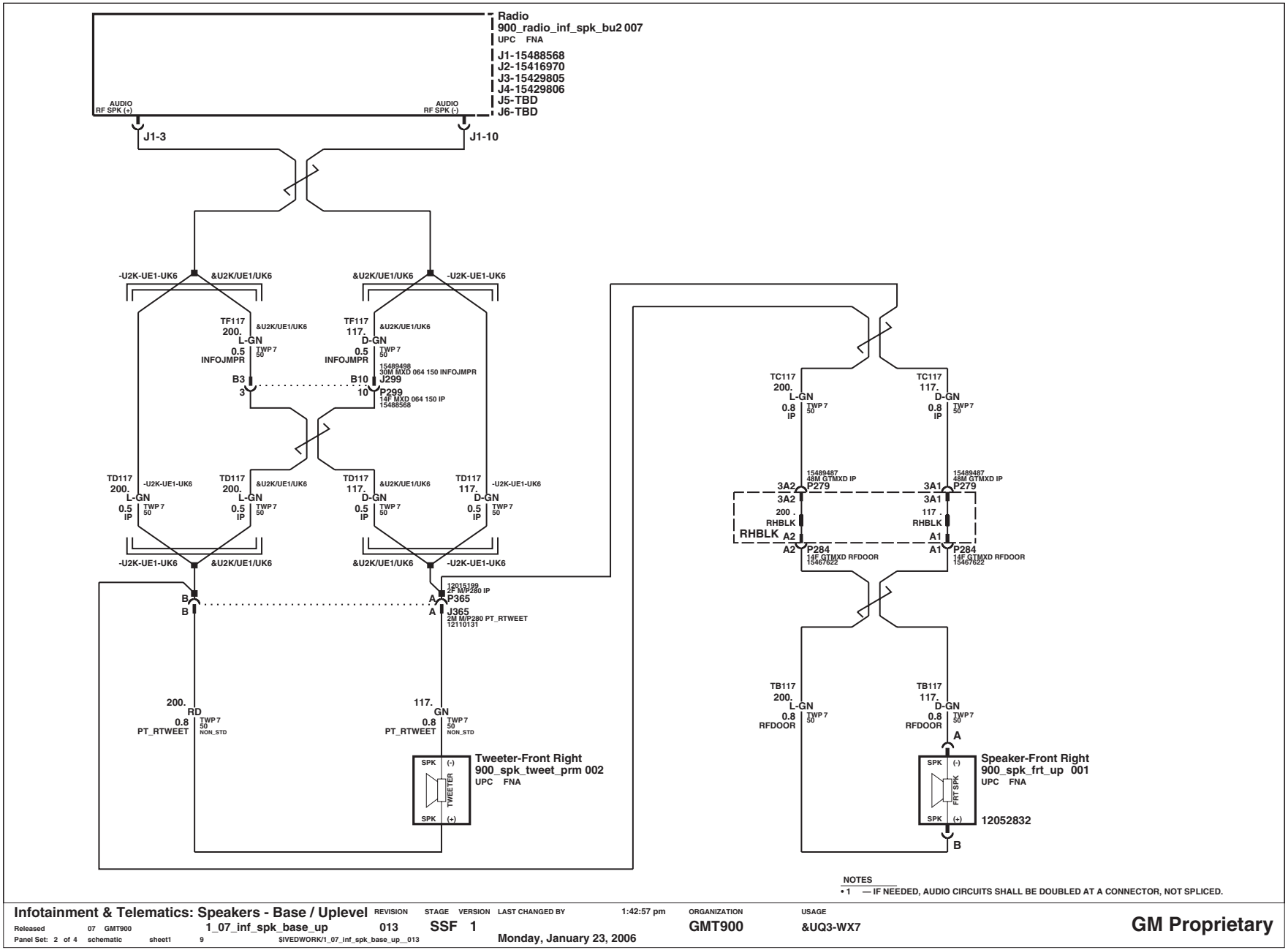
Infotainment & Telematics: Speakers – Base/Uplevel



NOTES
• 1 — IF NEEDED, AUDIO CIRCUITS SHALL BE DOUBLED AT A CONNECTOR, NOT SPLICED.

Infotainment & Telematics: Speakers - Base / Uplevel	REVISION	STAGE	VERSION	LAST CHANGED BY	1:42:57 pm	ORGANIZATION	USAGE	GM Proprietary
Released 07 GMT900	1_07_inf_spk_base_up	013	SSF	1		GMT900	&UQ3-WX7	
Panel Set: 1 of 4 schematic sheet1 9	$IVEDWORK/1_07_inf_spk_base_up__013				Monday, January 23, 2006			

Infotainment & Telematics: Speakers – Base/Uplevel



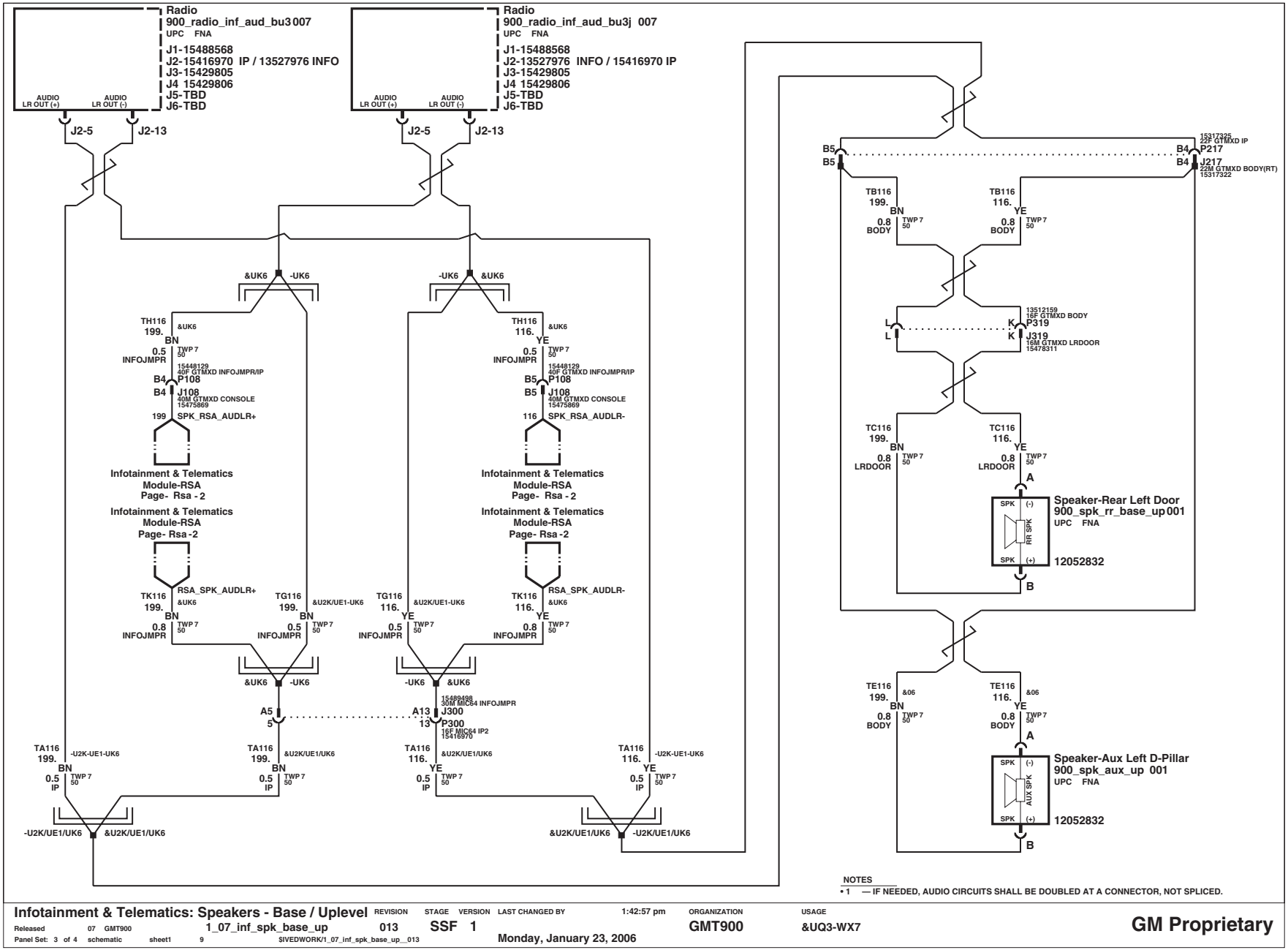
NOTES

• 1 — IF NEEDED, AUDIO CIRCUITS SHALL BE DOUBLED AT A CONNECTOR, NOT SPLICED.

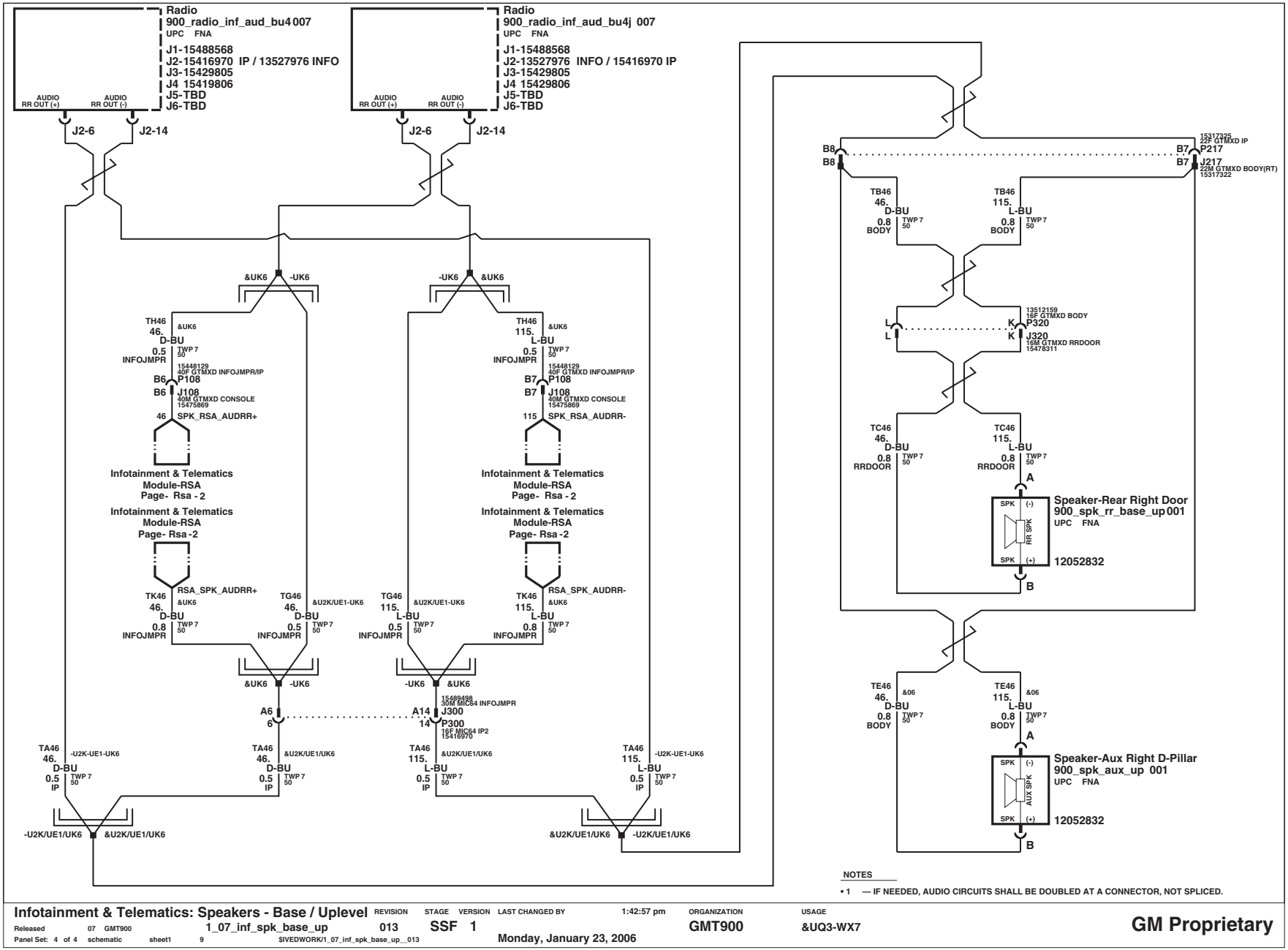
Infotainment & Telematics: Speakers - Base / Uplevel	REVISION	STAGE	VERSION	LAST CHANGED BY	1:42:57 pm	ORGANIZATION	USAGE
Released 07 GMT900 1_07_inf_spk_base_up	013	SSF	1			GMT900	&UQ3-WX7
Panel Set: 2 of 4 schematic sheet1 9 $IVEDWORK/1_07_inf_spk_base_up__013				Monday, January 23, 2006			

GM Proprietary

Infotainment & Telematics: Speakers – Base/Uplevel



Infotainment & Telematics: Speakers – Base/Uplevel



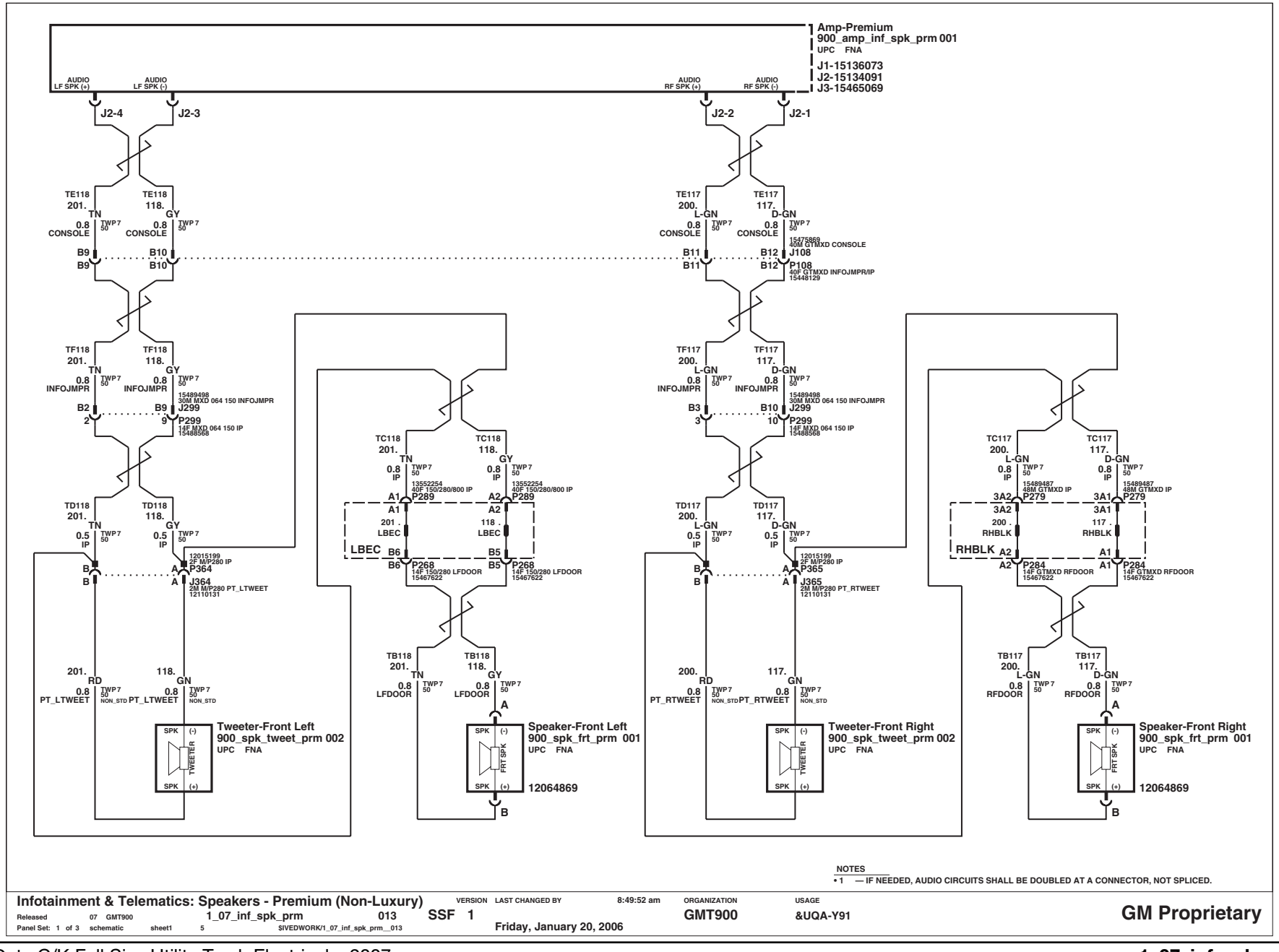
Infotainment & Telematics: Speakers - Base / Uplevel REVISION STAGE VERSION LAST CHANGED BY 1:42:57 pm ORGANIZATION USAGE

Released 07 GMT900 1_07_inf_spk_base_up 013 SSF 1 GMT900 &UQ3-WX7

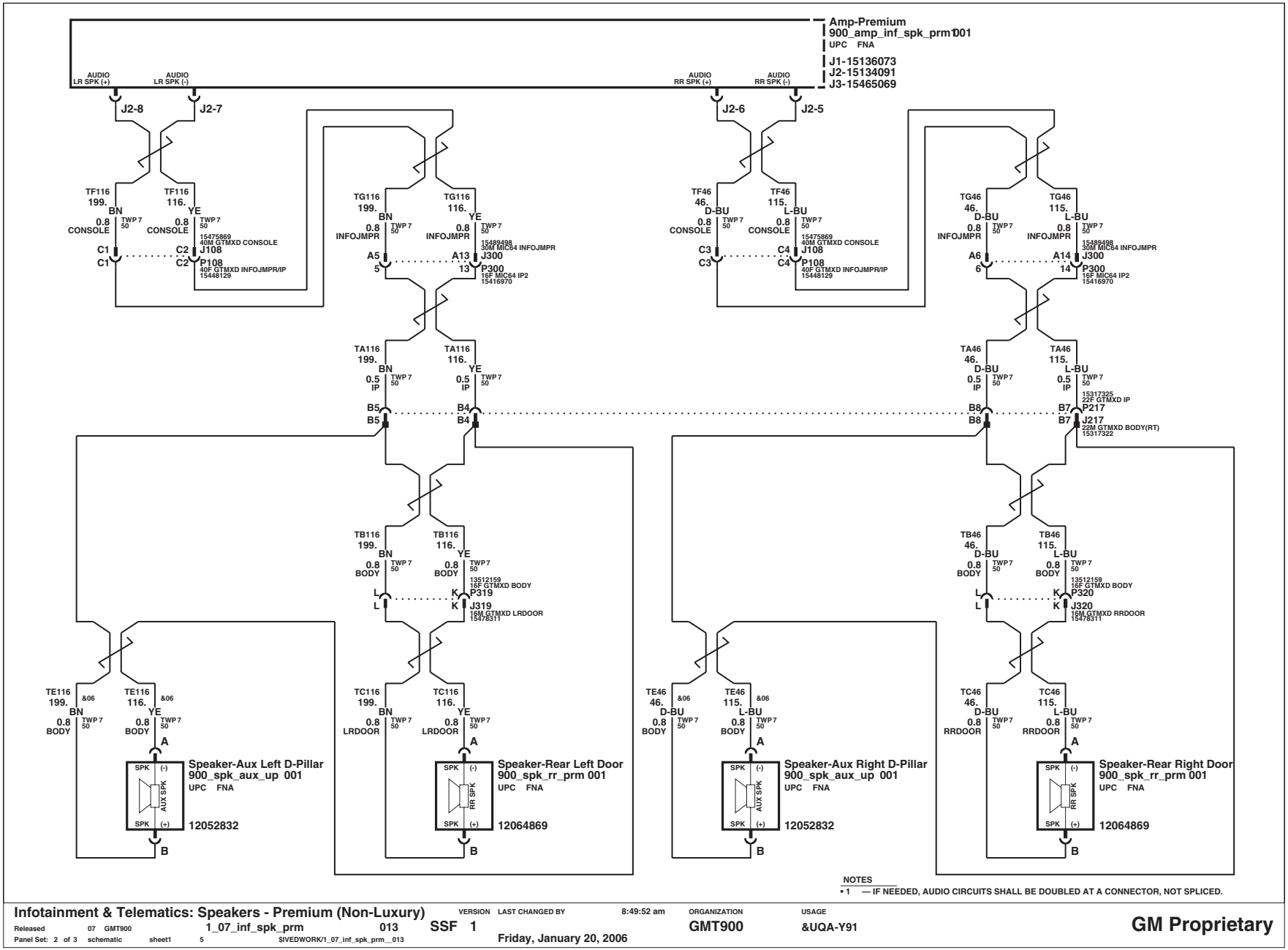
Panel Set: 4 of 4 schematic sheet1 9 $IVEDWORK/1_07_inf_spk_base_up__013 Monday, January 23, 2006

GM Proprietary

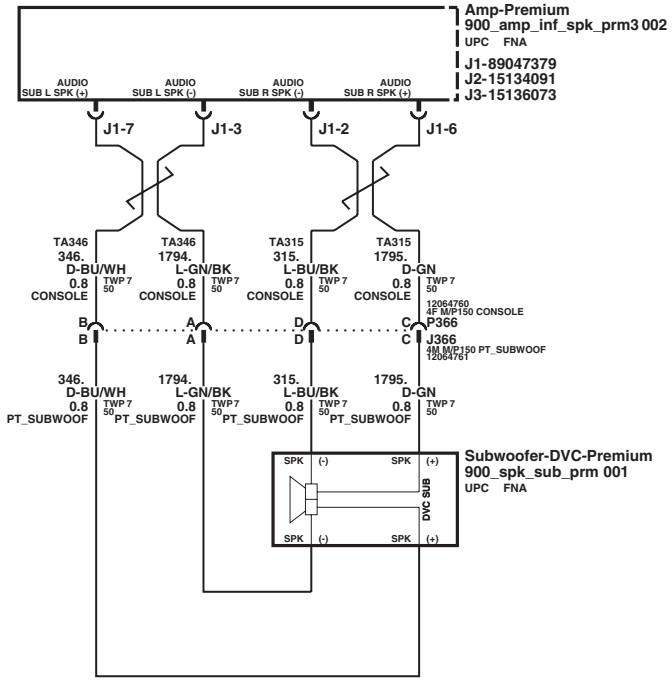
Infotainment & Telematics: Speakers – Premium (Non-Luxury)



Infotainment & Telematics: Speakers – Premium (Non-Luxury)


Amp-Premium
900_amp_inf_spk_prm 001
UPC FNA
J1-15136073
J2-15134091
J3-15465069
AUDIO LR SPK (+)
AUDIO LR SPK (-)
AUDIO RR SPK (+)
AUDIO RR SPK (-)
J2-8
J2-7
J2-6
J2-5
TF116 199. BN 0.8 CONSOLE TWP 7 50
TF116 116. YE 0.8 CONSOLE TWP 7 50
15475869 40M GTMXD CONSOLE
C1 C1 C2 C2 J108
P108 40F GTMXD INFOJMPR/IP 15448129
TG116 199. BN 0.8 INFOJMPR TWP 7 50
TG116 116. YE 0.8 INFOJMPR TWP 7 50
15489498 30M MIC64 INFOJMPR
A5 5 A13 13 J300
P300 16F MIC64 IP2 15416970
TF46 46. D-BU 0.8 CONSOLE TWP 7 50
TF46 115. L-BU 0.8 CONSOLE TWP 7 50
15475869 40M GTMXD CONSOLE
C3 C3 C4 C4 J108
P108 40F GTMXD INFOJMPR/IP 15448129
TG46 46. D-BU 0.8 INFOJMPR TWP 7 50
TG46 115. L-BU 0.8 INFOJMPR TWP 7 50
15489498 30M MIC64 INFOJMPR
A6 6 A14 14 J300
P300 16F MIC64 IP2 15416970
TA116 199. BN 0.5 IP TWP 7 50
TA116 116. YE 0.5 IP TWP 7 50
B5 B5 B4 B4
TA46 46. D-BU 0.5 IP TWP 7 50
TA46 115. L-BU 0.5 IP TWP 7 50
15317325 22F GTMXD IP
B8 B8 B7 B7 P217 J217
22M GTMXD BODY(RT) 15317322
TB116 199. BN 0.8 BODY TWP 7 50
TB116 116. YE 0.8 BODY TWP 7 50
13512159 16F GTMXD BODY
L L K K P319 J319
16M GTMXD LRDOOR 15478311
TB46 46. D-BU 0.8 BODY TWP 7 50
TB46 115. L-BU 0.8 BODY TWP 7 50
13512159 16F GTMXD BODY
L L K K P320 J320
16M GTMXD RRDOOR 15478311
TE116 199. &06 BN 0.8 BODY TWP 7 50
TE116 116. &06 YE 0.8 BODY TWP 7 50
A
SPK (-) AUX SPK SPK (+)
Speaker-Aux Left D-Pillar
900_spk_aux_up 001
UPC FNA
12052832
B
TC116 199. BN 0.8 LRDOOR TWP 7 50
TC116 116. YE 0.8 LRDOOR TWP 7 50
A
SPK (-) RR SPK SPK (+)
Speaker-Rear Left Door
900_spk_rr_prm 001
UPC FNA
12064869
B
TE46 46. &06 D-BU 0.8 BODY TWP 7 50
TE46 115. &06 L-BU 0.8 BODY TWP 7 50
A
SPK (-) AUX SPK SPK (+)
Speaker-Aux Right D-Pillar
900_spk_aux_up 001
UPC FNA
12052832
B
TC46 46. D-BU 0.8 RRDOOR TWP 7 50
TC46 115. L-BU 0.8 RRDOOR TWP 7 50
A
SPK (-) RR SPK SPK (+)
Speaker-Rear Right Door
900_spk_rr_prm 001
UPC FNA
12064869
B
NOTES
• 1 — IF NEEDED, AUDIO CIRCUITS SHALL BE DOUBLED AT A CONNECTOR, NOT SPLICED.
Infotainment & Telematics: Speakers - Premium (Non-Luxury)
VERSION SSF 1
LAST CHANGED BY 8:49:52 am Friday, January 20, 2006
ORGANIZATION GMT900
USAGE &UQA-Y91
Released 07 GMT900 1_07_inf_spk_prm 013
Panel Set: 2 of 3 schematic sheet1 5 $IVEDWORK/1_07_inf_spk_prm__013
GM Proprietary

Infotainment & Telematics: Speakers – Premium (Non-Luxury)



Infotainment & Telematics: Speakers - Premium (Non-Luxury) VERSION 1 LAST CHANGED BY SSF 8:49:52 am ORGANIZATION GMT900 USAGE &UQA-Y91

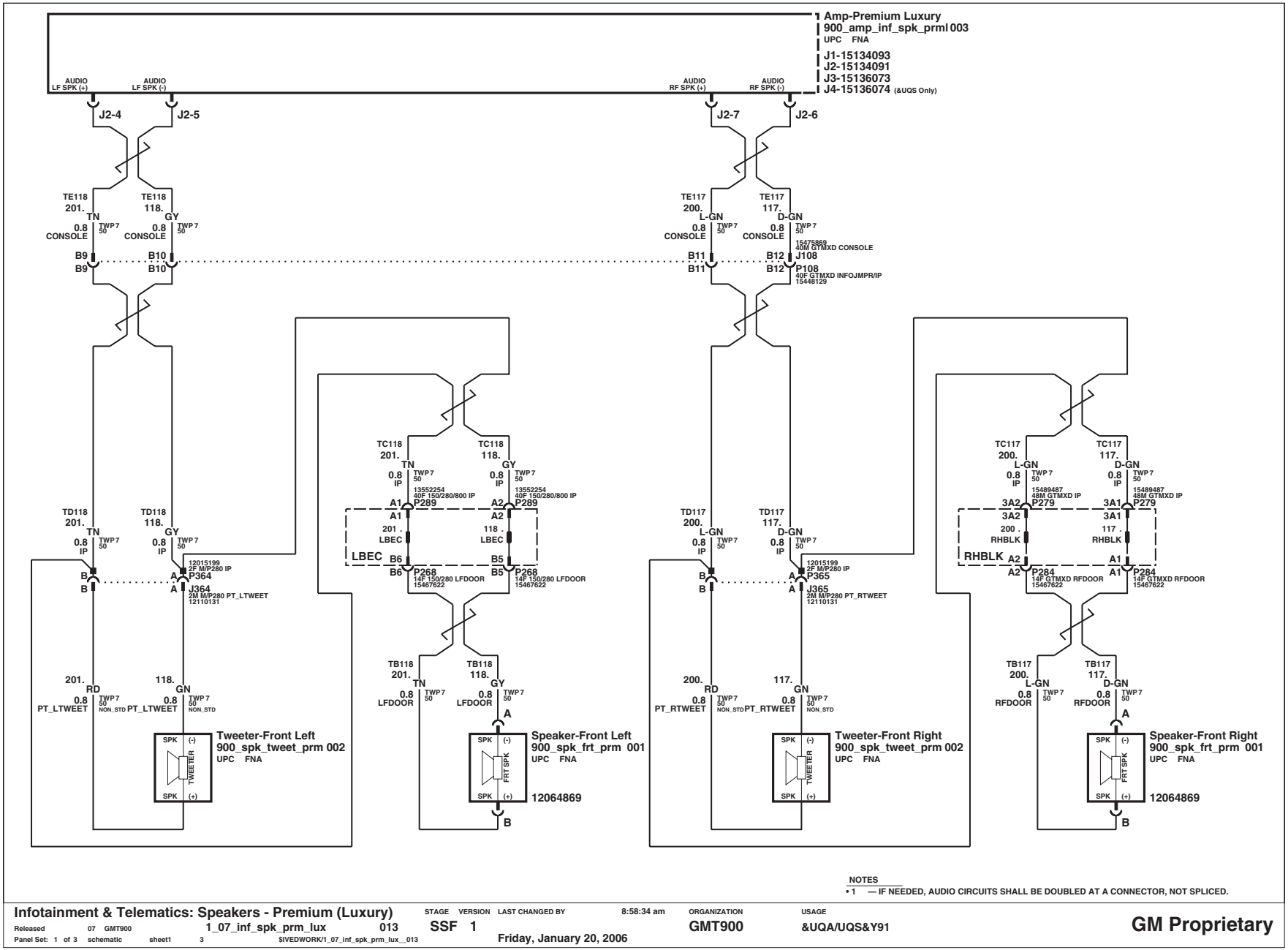
Released 07 GMT900 1_07_inf_spk_prm 013

Panel Set: 3 of 3 schematic sheet1 5 $IVEDWORK/1_07_inf_spk_prm__013

Friday, January 20, 2006

GM Proprietary

Infotainment & Telematics: Speakers – Premium (Luxury)



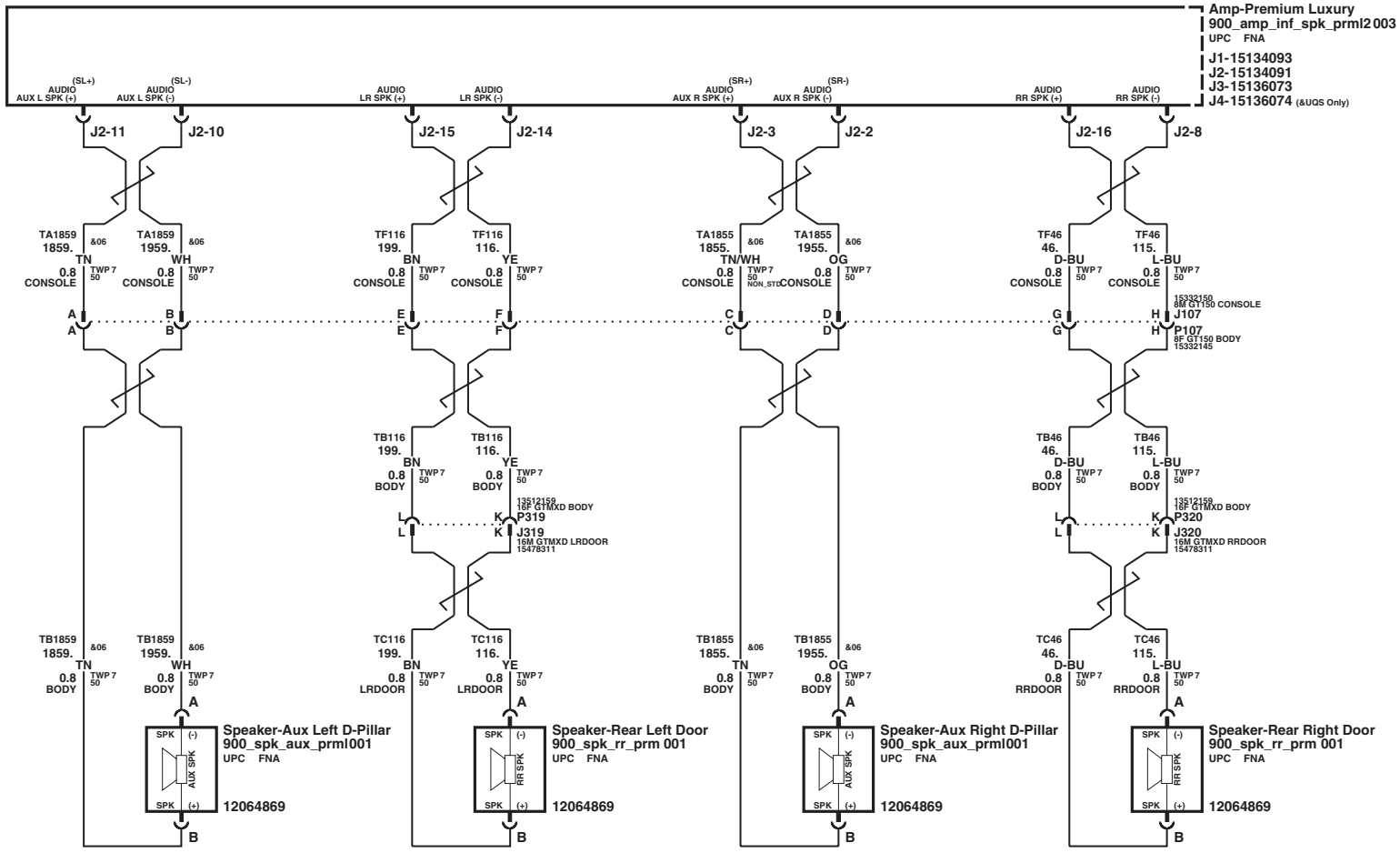
NOTES
• 1 — IF NEEDED, AUDIO CIRCUITS SHALL BE DOUBLED AT A CONNECTOR, NOT SPLICED.

Infotainment & Telematics: Speakers - Premium (Luxury)

STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Released 07 GMT900	1_07_inf_spk_prm_lux	013	SSF 1	8:58:34 am	GMT900	&UQA/UQS&Y91
Panel Set: 1 of 3 schematic sheet1 3	$IVEDWORK/1_07_inf_spk_prm_lux__013			Friday, January 20, 2006		

GM Proprietary

Infotainment & Telematics: Speakers – Premium (Luxury)


Amp-Premium Luxury
900_amp_inf_spk_prml2 003
UPC FNA
J1-15134093
J2-15134091
J3-15136073
J4-15136074 (&UQS Only)
AUDIO AUX L SPK (+) (SL+)
AUDIO AUX L SPK (-) (SL-)
AUDIO LR SPK (+)
AUDIO LR SPK (-)
AUDIO AUX R SPK (+) (SR+)
AUDIO AUX R SPK (-) (SR-)
AUDIO RR SPK (+)
AUDIO RR SPK (-)
J2-11 J2-10 J2-15 J2-14 J2-3 J2-2 J2-16 J2-8
TA1859 1859. &06 TN 0.8 CONSOLE TWP 7 50
TA1859 1959. &06 WH 0.8 CONSOLE TWP 7 50
TF116 199. BN 0.8 CONSOLE TWP 7 50
TF116 116. YE 0.8 CONSOLE TWP 7 50
TA1855 1855. &06 TN/WH 0.8 CONSOLE TWP 7 50 NON_STD
TA1855 1955. &06 OG 0.8 CONSOLE TWP 7 50
TF46 46. D-BU 0.8 CONSOLE TWP 7 50
TF46 115. L-BU 0.8 CONSOLE TWP 7 50
15332150 8M GT1S0 CONSOLE
J107
P107 8F GT1S0 BODY 15332145
TB116 199. BN 0.8 BODY TWP 7 50
TB116 116. YE 0.8 BODY TWP 7 50
13512159 16F GTMXD BODY
P319
J319 16M GTMXD LRDOOR 15478311
TB46 46. D-BU 0.8 BODY TWP 7 50
TB46 115. L-BU 0.8 BODY TWP 7 50
13512159 16F GTMXD BODY
P320
J320 16M GTMXD RRDOOR 15478311
TB1859 1859. &06 TN 0.8 BODY TWP 7 50
TB1859 1959. &06 WH 0.8 BODY TWP 7 50
TC116 199. BN 0.8 LRDOOR TWP 7 50
TC116 116. YE 0.8 LRDOOR TWP 7 50
TB1855 1855. &06 TN 0.8 BODY TWP 7 50
TB1855 1955. &06 OG 0.8 BODY TWP 7 50
TC46 46. D-BU 0.8 RRDOOR TWP 7 50
TC46 115. L-BU 0.8 RRDOOR TWP 7 50
SPK (-) AUX SPK SPK (+)
Speaker-Aux Left D-Pillar
900_spk_aux_prml001
UPC FNA
12064869
SPK (-) RR SPK SPK (+)
Speaker-Rear Left Door
900_spk_rr_prm 001
UPC FNA
12064869
SPK (-) AUX SPK SPK (+)
Speaker-Aux Right D-Pillar
900_spk_aux_prml001
UPC FNA
12064869
SPK (-) RR SPK SPK (+)
Speaker-Rear Right Door
900_spk_rr_prm 001
UPC FNA
12064869

NOTES
• 1 — IF NEEDED, AUDIO CIRCUITS SHALL BE DOUBLED AT A CONNECTOR, NOT SPLICED.

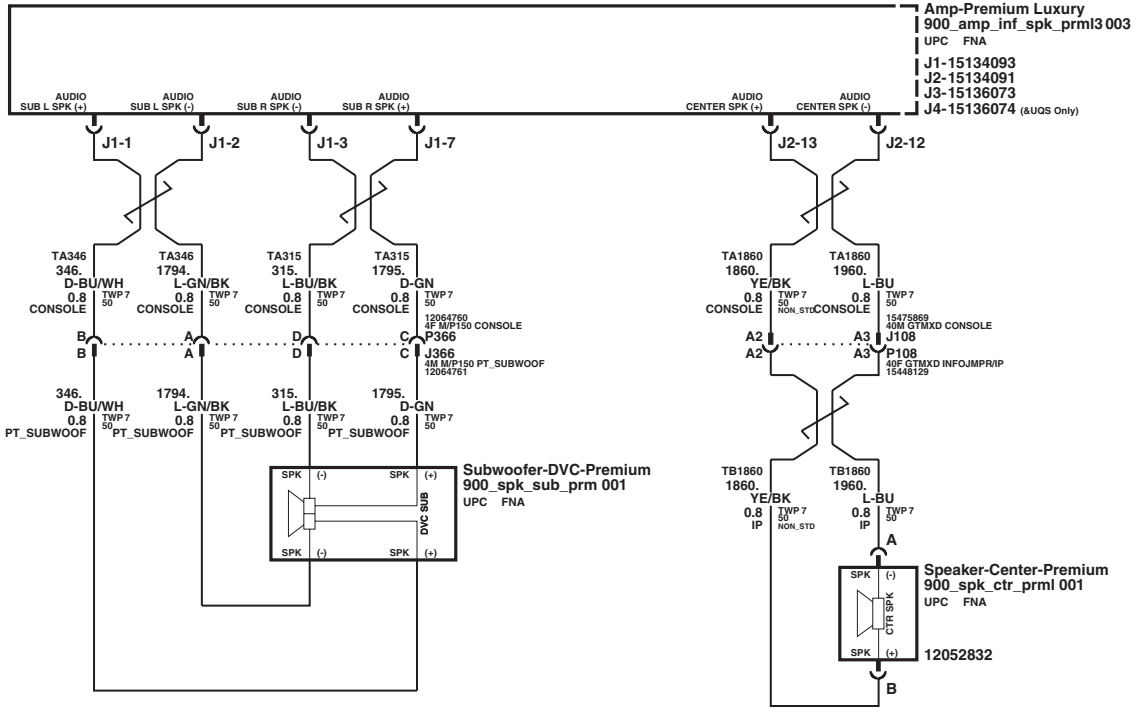
Infotainment & Telematics: Speakers - Premium (Luxury)

STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Released	07 GMT900	1_07_inf_spk_prm_lux	013	SSF 1	GMT900	&UQA/UQS&Y91

Panel Set: 2 of 3 schematic sheet1 3 $IVEDWORK/1_07_inf_spk_prm_lux__013 Friday, January 20, 2006 8:58:34 am

GM Proprietary

Infotainment & Telematics: Speakers – Premium (Luxury)



NOTES
• 1 — IF NEEDED, AUDIO CIRCUITS SHALL BE DOUBLED AT A CONNECTOR, NOT SPLICED.

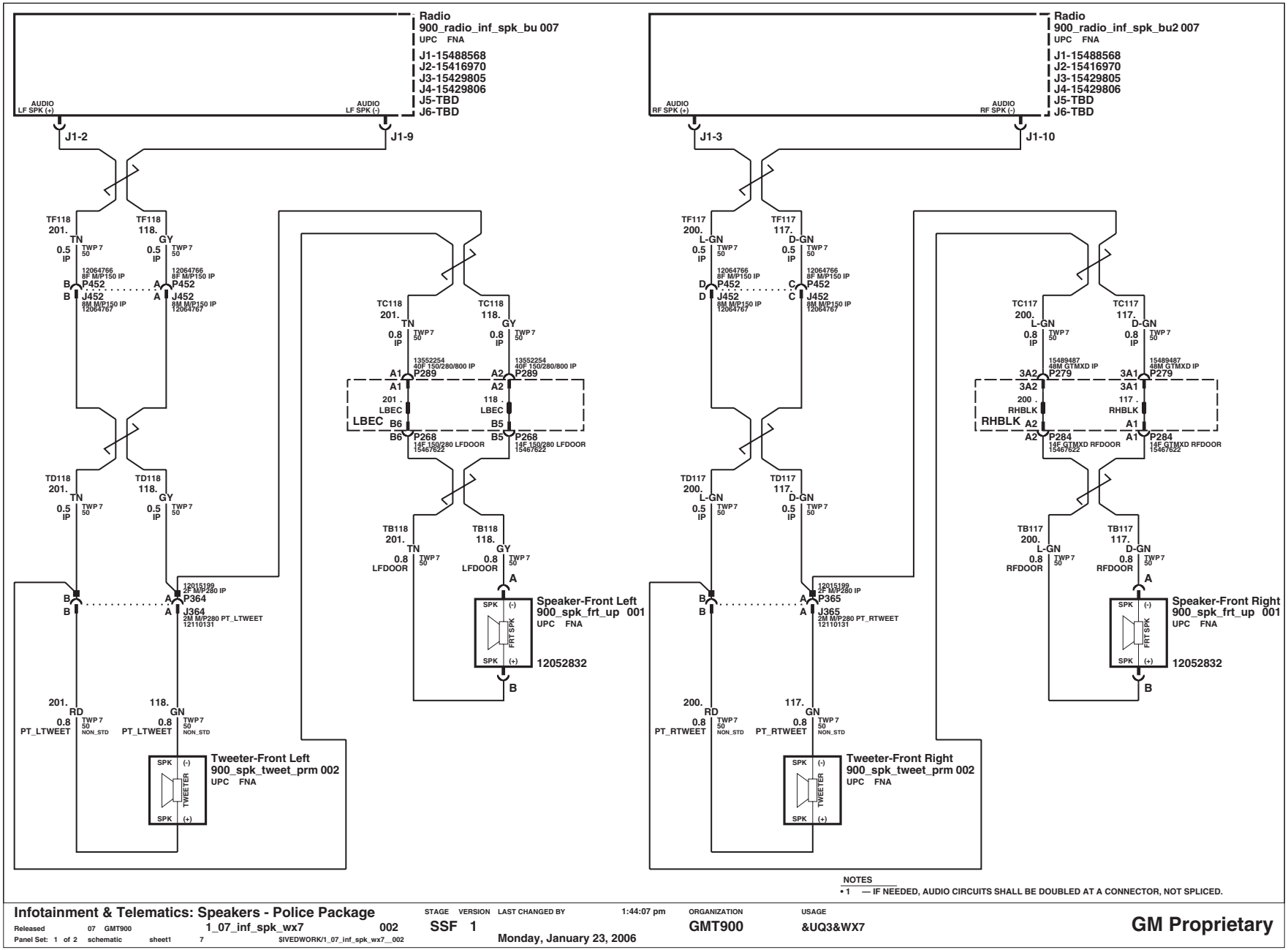
Infotainment & Telematics: Speakers - Premium (Luxury)

STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Released 07 GMT900	1_07_inf_spk_prm_lux 013	SSF	1	8:58:34 am	GMT900	&UQA/UQS&Y91

Panel Set: 3 of 3 schematic sheet1 3 $IVEDWORK/1_07_inf_spk_prm_lux__013 Friday, January 20, 2006

GM Proprietary

Infotainment & Telematics: Speakers – Police Package

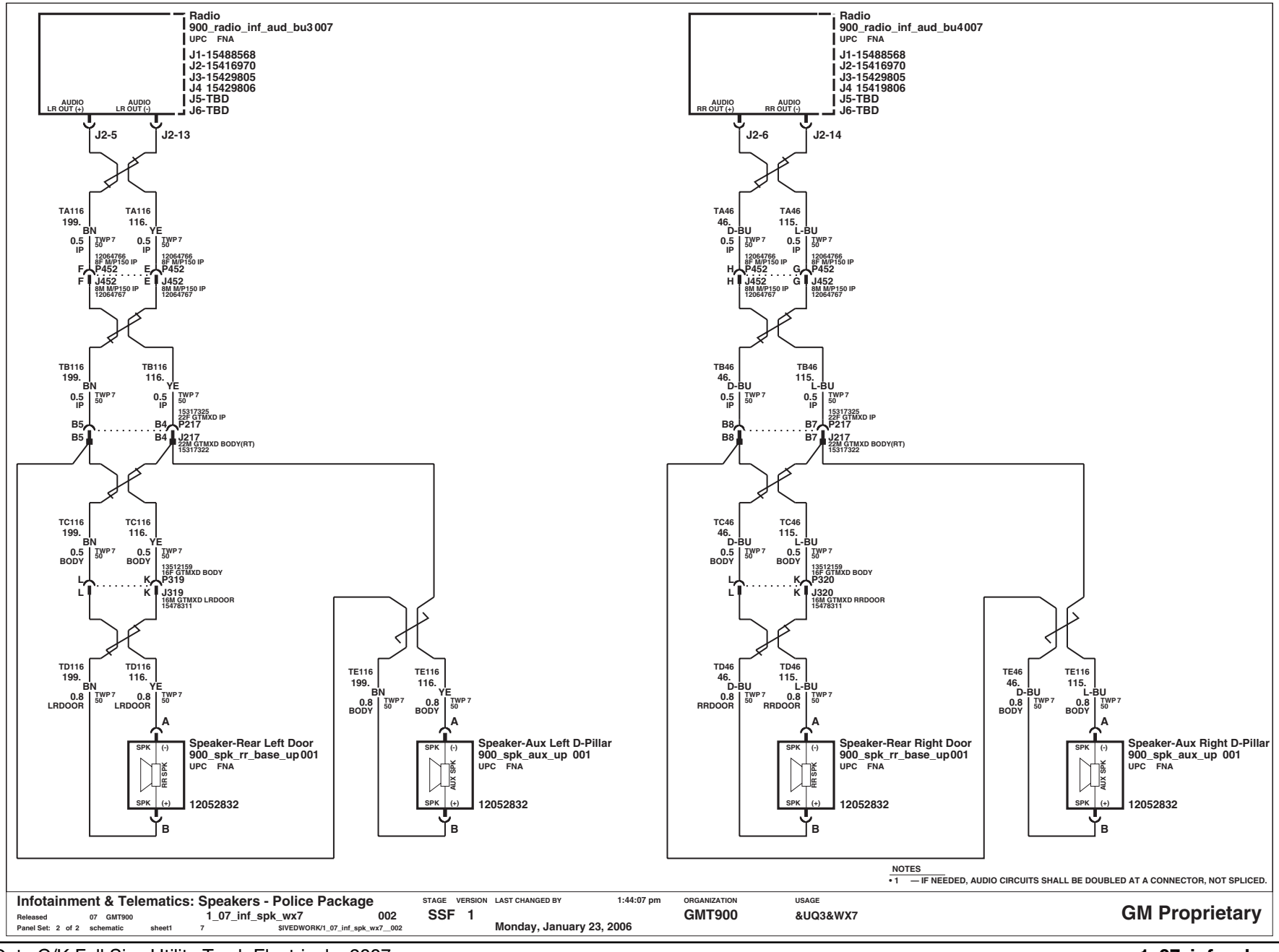


Infotainment & Telematics: Speakers - Police Package

STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Released	07 GMT900	1_07_inf_spk_wx7	002	SSF 1	GMT900	&UQ3&WX7
Panel Set: 1 of 2	schematic	sheet1	7	$IVEDWORK/1_07_inf_spk_wx7__002	Monday, January 23, 2006	

GM Proprietary

Infotainment & Telematics: Speakers – Police Package



NOTES

• 1 — IF NEEDED, AUDIO CIRCUITS SHALL BE DOUBLED AT A CONNECTOR, NOT SPLICED.

Infotainment & Telematics: Speakers - Police Package

STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
SSF	1		1:44:07 pm	GMT900	&UQ3&WX7

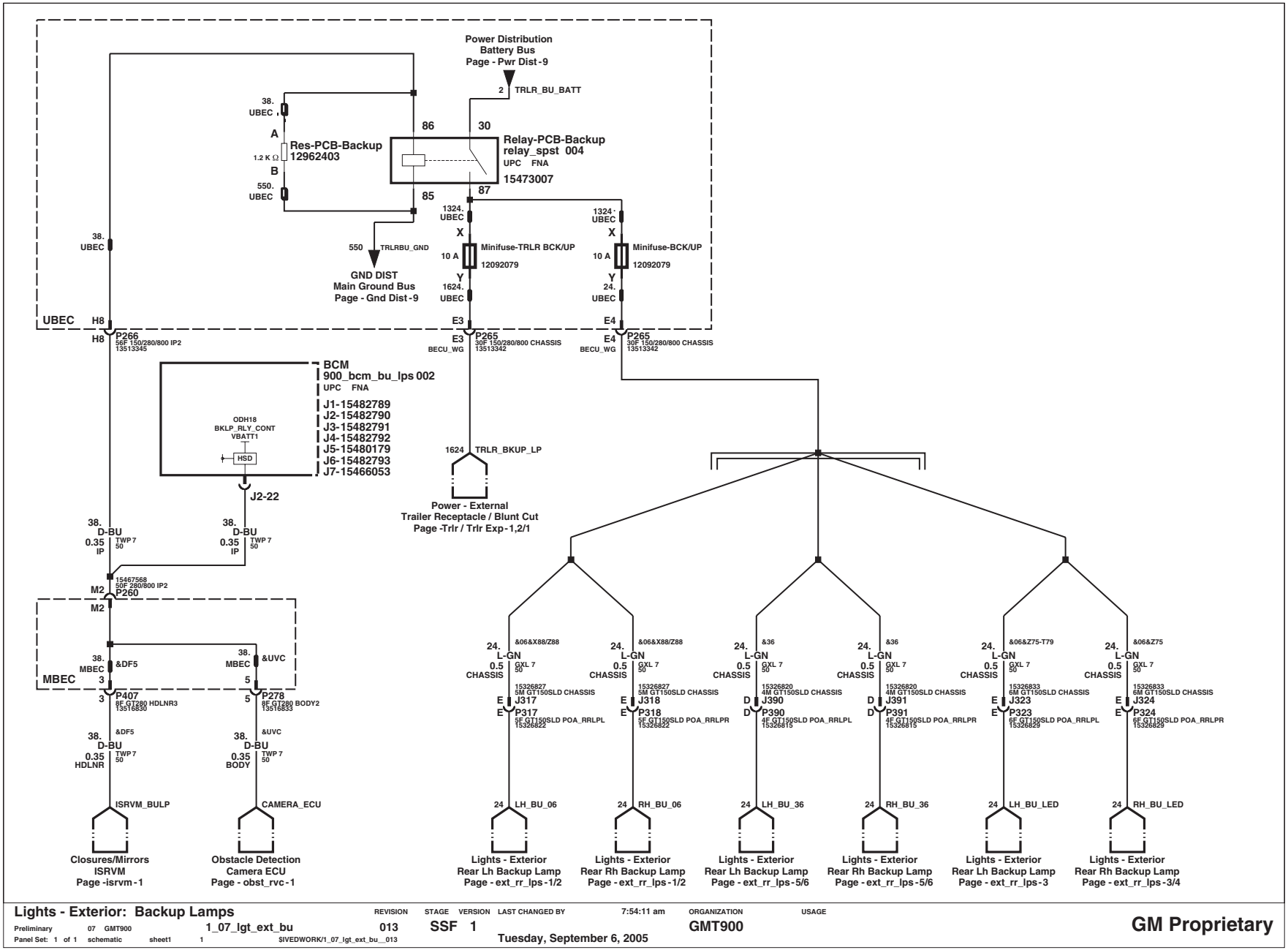
Released 07 GMT900 1_07_inf_spk_wx7 002

Panel Set: 2 of 2 schematic sheet1 7 $IVEDWORK/1_07_inf_spk_wx7__002

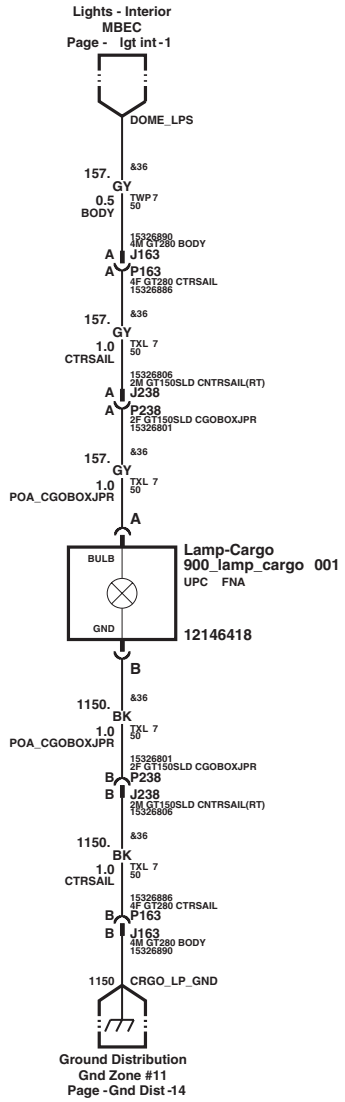
Monday, January 23, 2006

GM Proprietary

Lights – Exterior: Backup Lamps



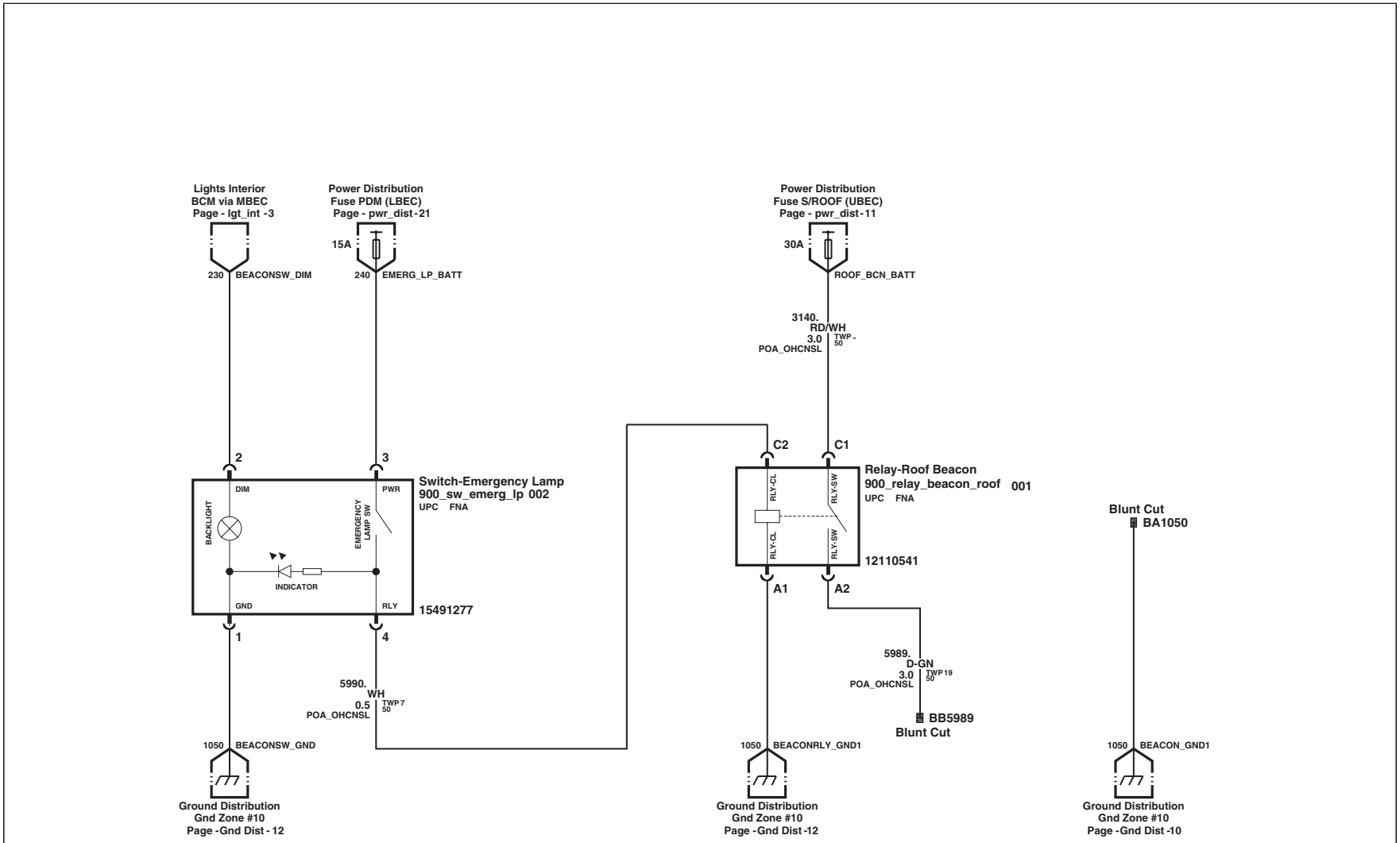
Lights – Exterior: Cargo Lamps



Lights - Exterior: Cargo Lamps

REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Preliminary 07 GMT900	1_07_lgt_ext_cargo	013	SSF	1	7:54:21 am	GMT900	GM Proprietary
Panel Set: 1 of 1 schematic	sheet1 1	$IVEDWORK/1_07_lgt_ext_cargo__013			Tuesday, September 6, 2005		

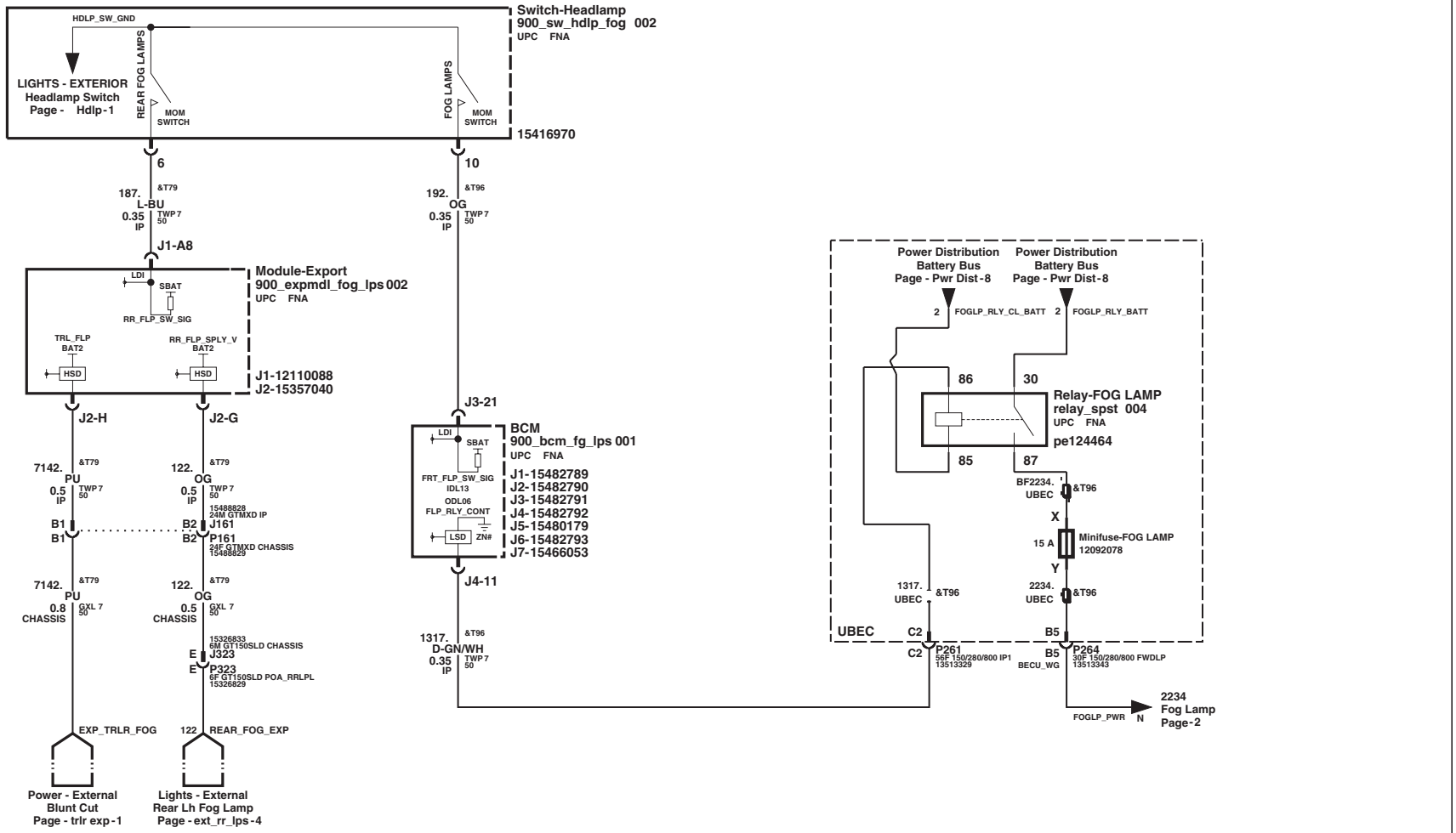
Lights – Exterior: Emergency Lamp



Lights - Exterior: Emergency Lamp		REVISION	STAGE	VERSION	LAST CHANGED BY	7:54:33 am	ORGANIZATION	USAGE
Preliminary 07 GMT900	1_07_lgt_ext_emer	013	SSF	1			GMT900	&TRW
Panel Set: 1 of 1 schematic sheet1 1	$IVEDWORK/1_07_lgt_ext_emer__013				Tuesday, September 6, 2005			

GM Proprietary

Lights – Exterior: Fog Lamps

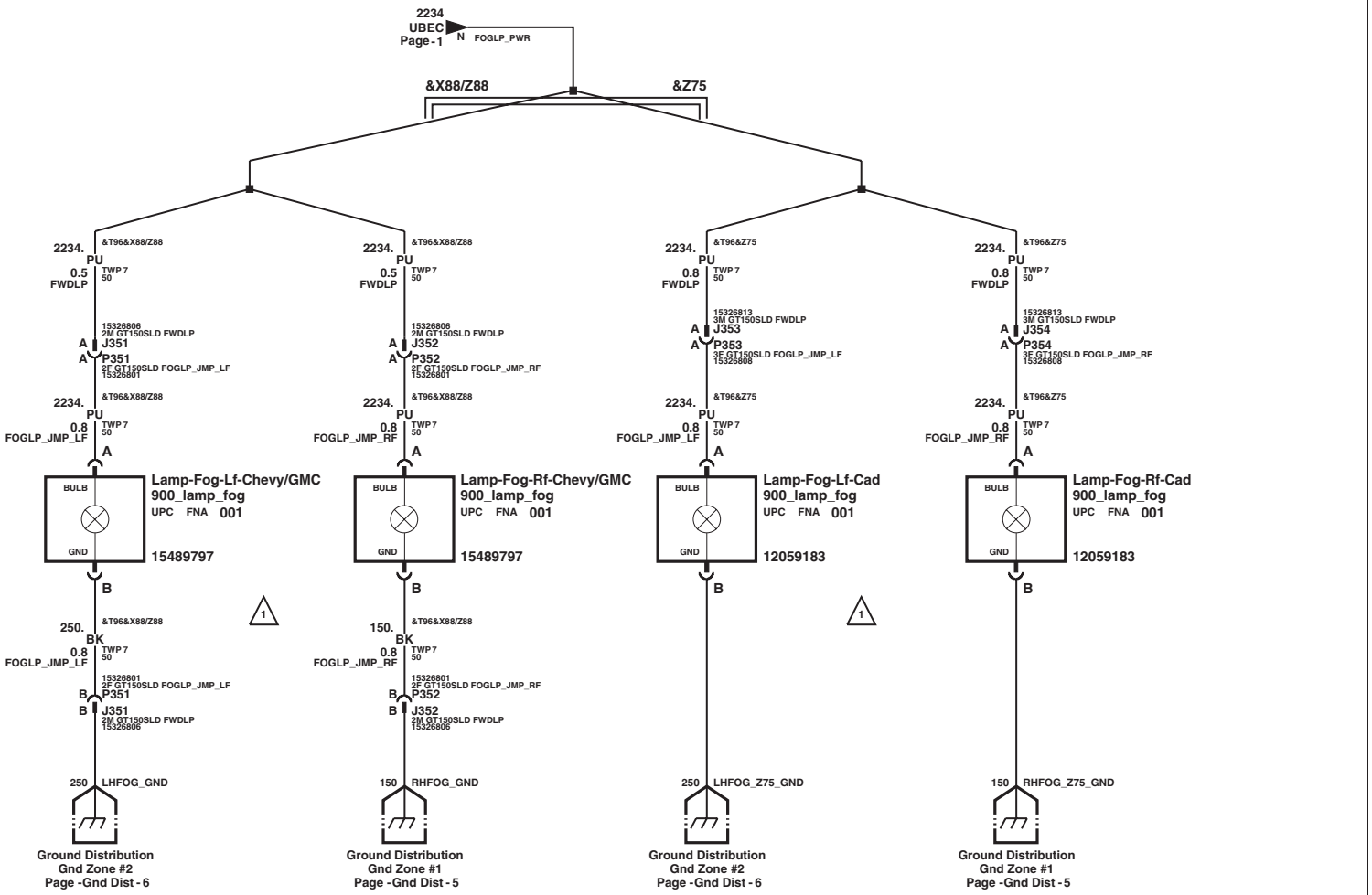


Lights - Exterior: Fog Lamps

REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Preliminary 07 GMT900	1_07_lgt_ext_fog	013	SSF	1	GMT900	
Panel Set: 1 of 2 schematic	sheet1 1	$IVEDWORK/1_07_lgt_ext_fog__013		7:54:47 am Tuesday, September 6, 2005		

GM Proprietary

Lights – Exterior: Fog Lamps

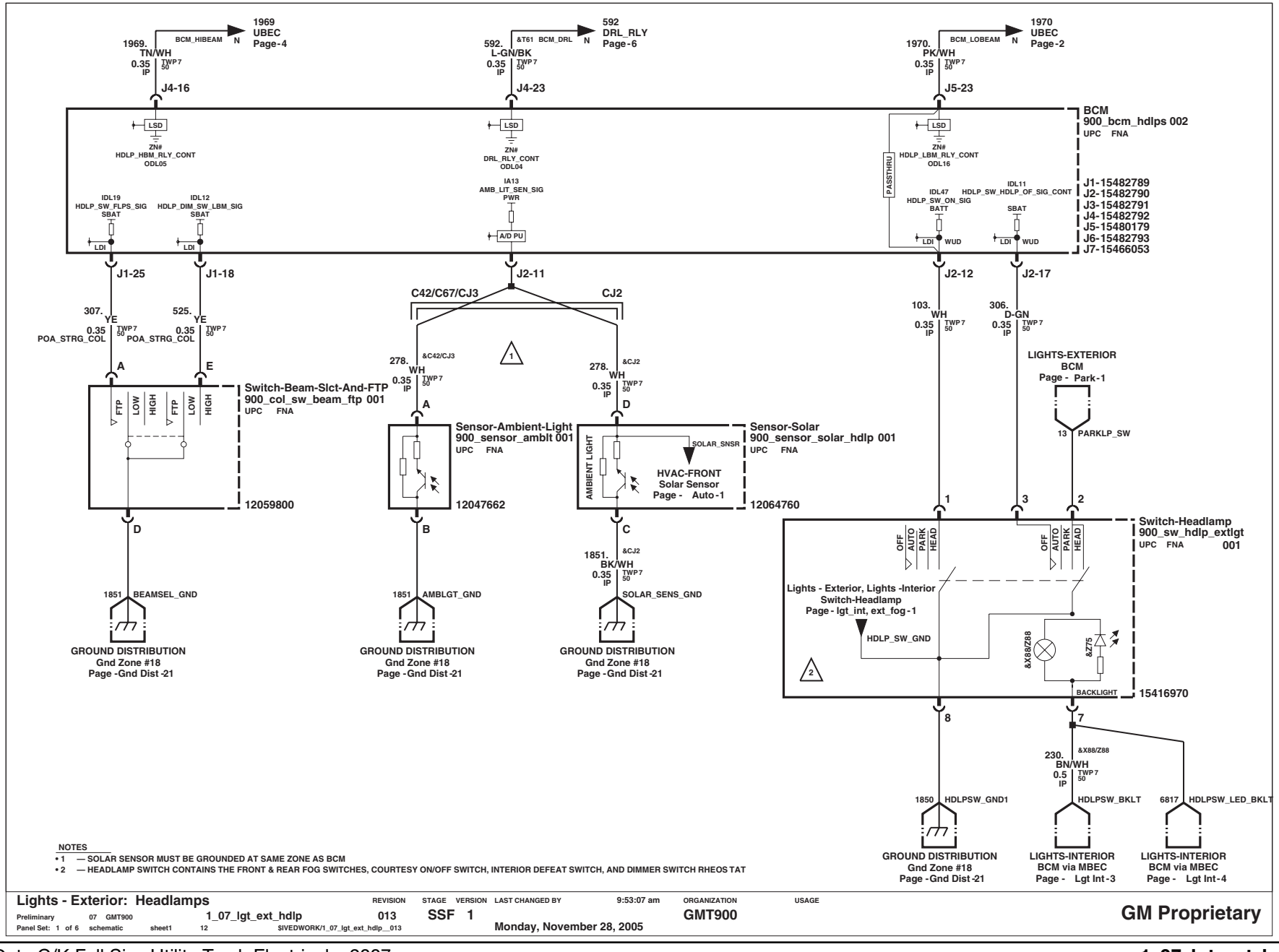


NOTES
- 1 — FRONT FOG LAMPS WILL BE POA THE FRONT TURN LAMP ASSEMBLY FOR CADILLAC, STAND ALONE FOR CHEVY/GMC
- 2 — FOG LAMP INDICATION LOCATED IN I/P CLUSTER
- 3 — FRONT FOG LAMP SWITCH POA HEADLAMP SWITCH

Lights - Exterior: Fog Lamps

REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Preliminary 07 GMT900	1_07_lgt_ext_fog	013	SSF	1	GMT900	GM Proprietary
Panel Set: 2 of 2 schematic	sheet1 1	$IVEDWORK/1_07_lgt_ext_fog__013	Tuesday, September 6, 2005	7:54:47 am		

Lights – Exterior: Headlamps

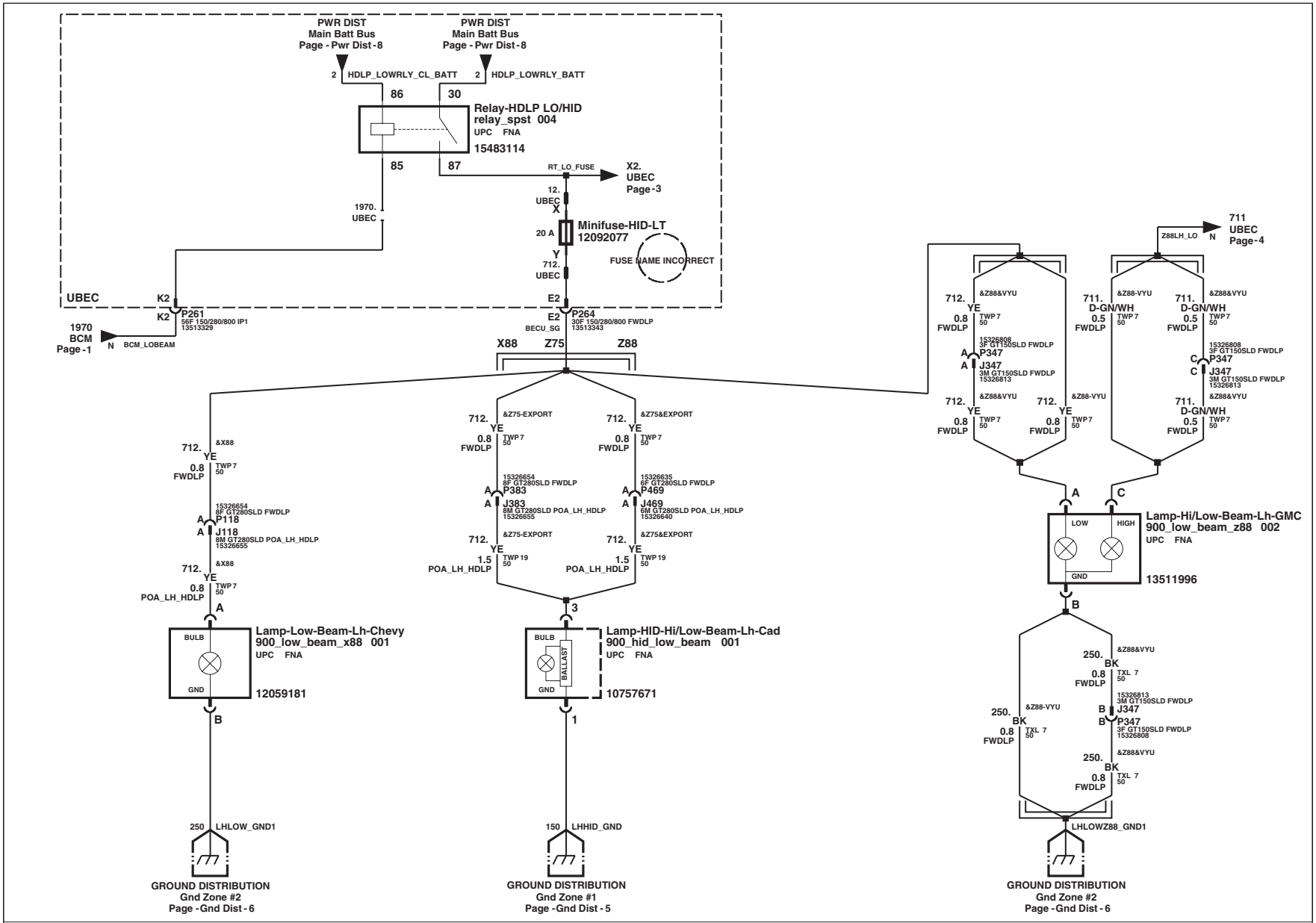


NOTES
- 1 — SOLAR SENSOR MUST BE GROUNDED AT SAME ZONE AS BCM
- 2 — HEADLAMP SWITCH CONTAINS THE FRONT & REAR FOG SWITCHES, COURTESY ON/OFF SWITCH, INTERIOR DEFEAT SWITCH, AND DIMMER SWITCH RHEOS TAT

Lights - Exterior: Headlamps

REVISION	STAGE	VERSION	LAST CHANGED BY	9:53:07 am	ORGANIZATION	USAGE
Preliminary 07 GMT900	1_07_lgt_ext_hdlp	013	SSF	1	GMT900	GM Proprietary
Panel Set: 1 of 6 schematic sheet1 12	$IVEDWORK/1_07_lgt_ext_hdlp__013	Monday, November 28, 2005				

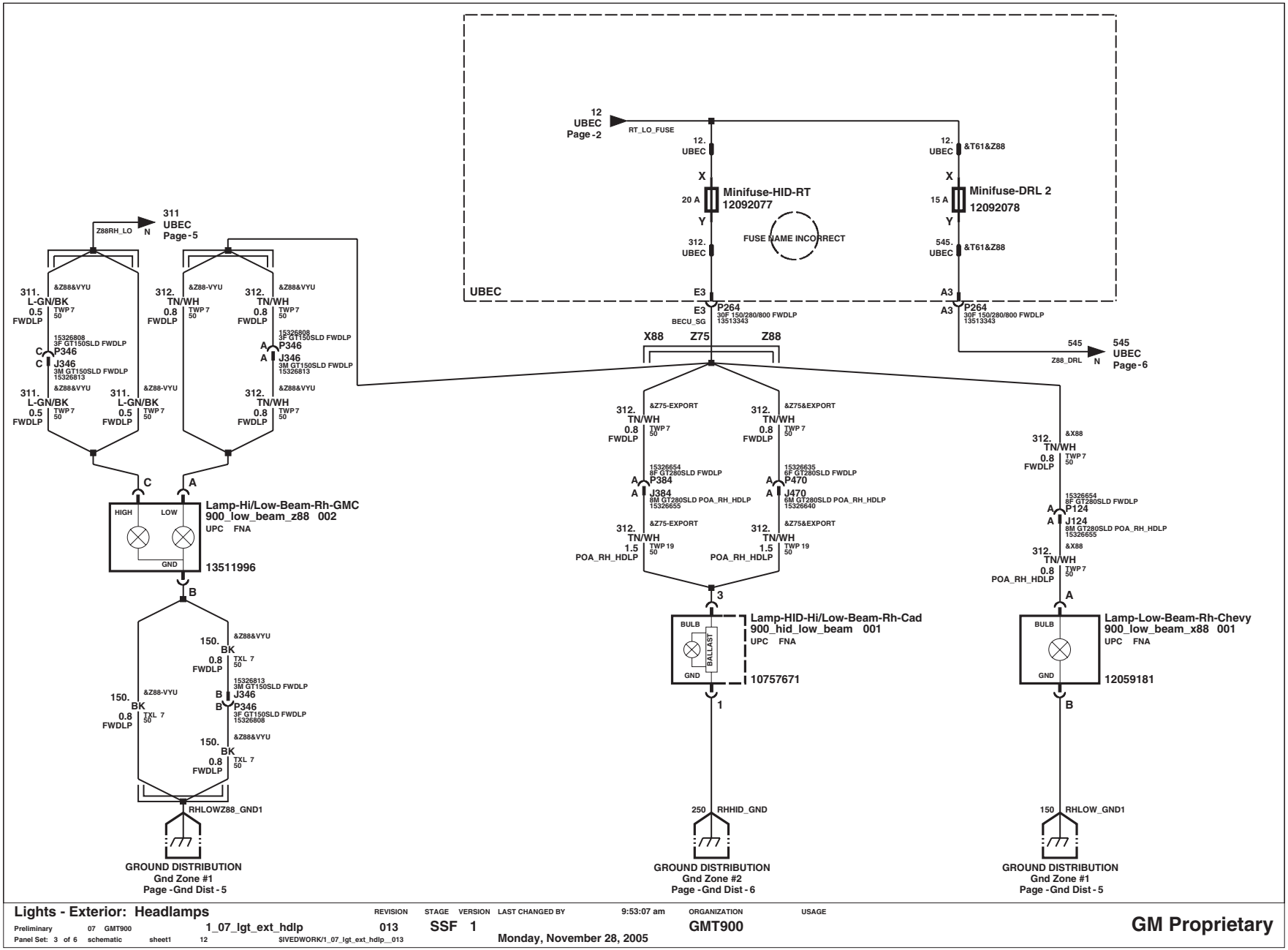
Lights – Exterior: Headlamps



Lights - Exterior: Headlamps

REVISION	STAGE	VERSION	LAST CHANGED BY	9:53:07 am	ORGANIZATION	USAGE
Preliminary 07 GMT900	1_07_lgt_ext_hdlp	013	SSF	1	GMT900	GM Proprietary
Panel Set: 2 of 6 schematic sheet1 12	$IVEDWORK/1_07_lgt_ext_hdlp__013	Monday, November 28, 2005				

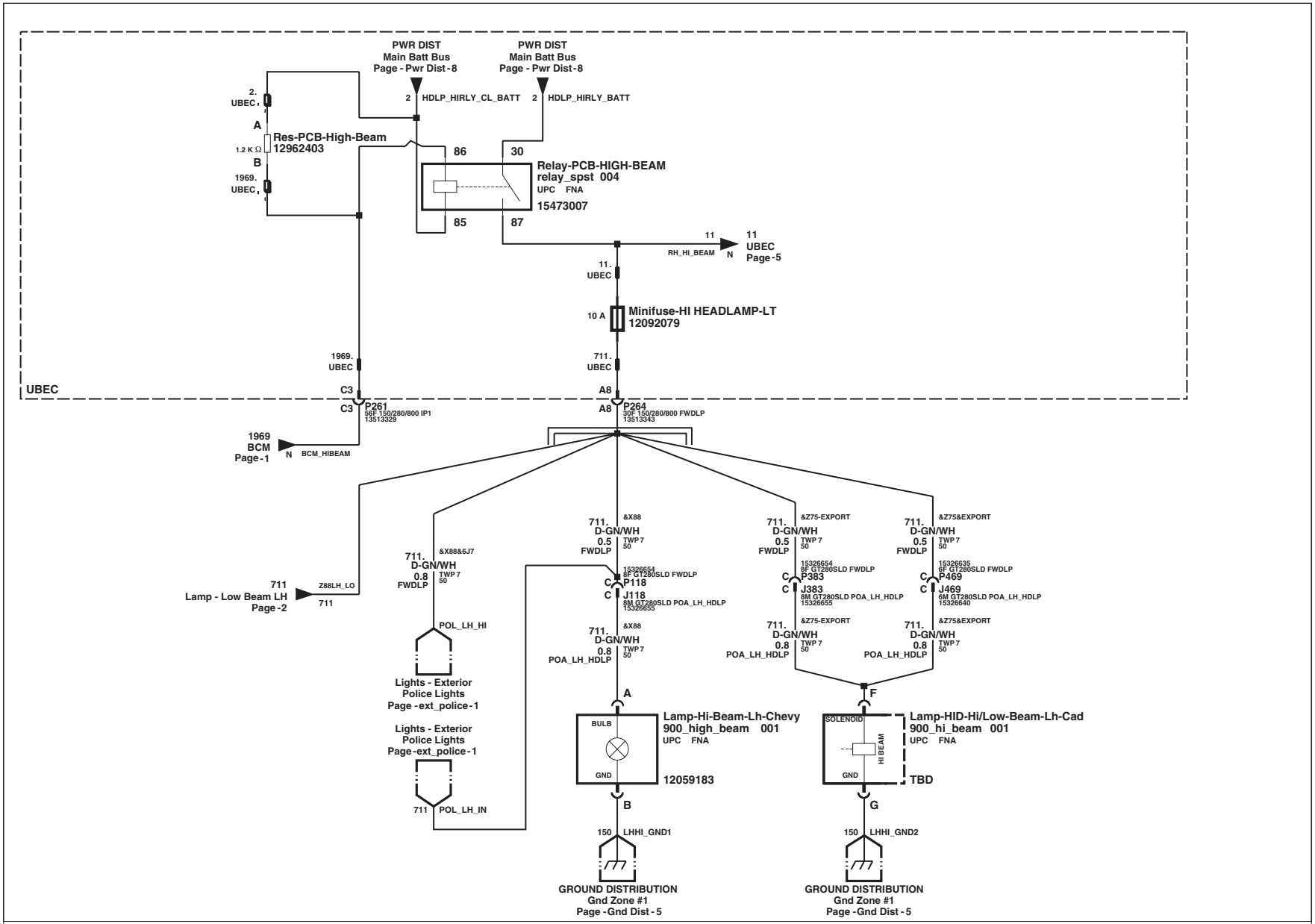
Lights – Exterior: Headlamps



Lights - Exterior: Headlamps

REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Preliminary 07 GMT900	1_07_lgt_ext_hdlp	013	SSF	1	GMT900	GM Proprietary
Panel Set: 3 of 6 schematic sheet1 12	$IVEDWORK/1_07_lgt_ext_hdlp__013		Monday, November 28, 2005	9:53:07 am		

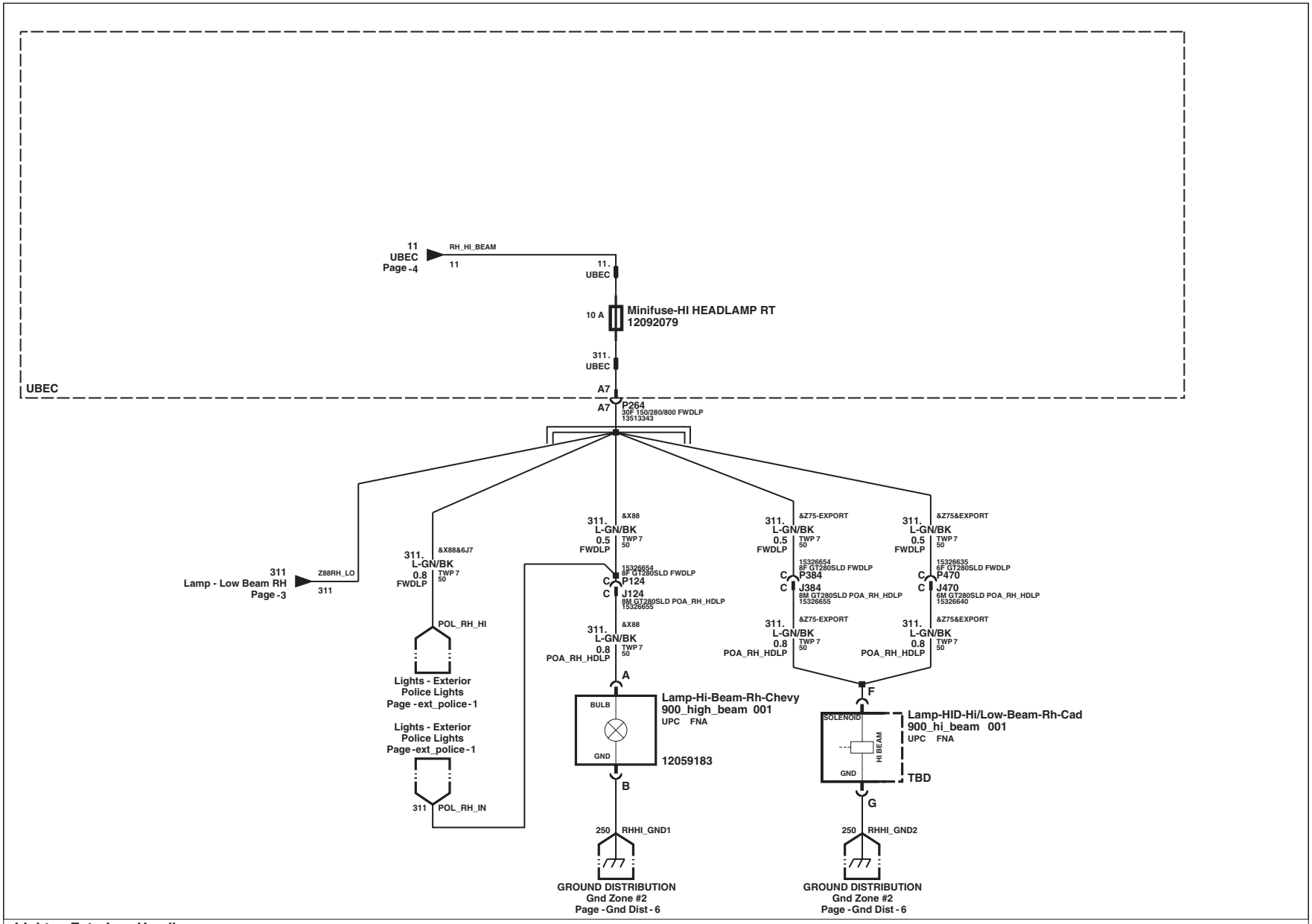
Lights – Exterior: Headlamps



Lights - Exterior: Headlamps

REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Preliminary 07 GMT900	1_07_lgt_ext_hdlp	013	SSF	1	GMT900	GM Proprietary
Panel Set: 4 of 6 schematic sheet1 12	$IVEDWORK/1_07_lgt_ext_hdlp__013		Monday, November 28, 2005	9:53:07 am		

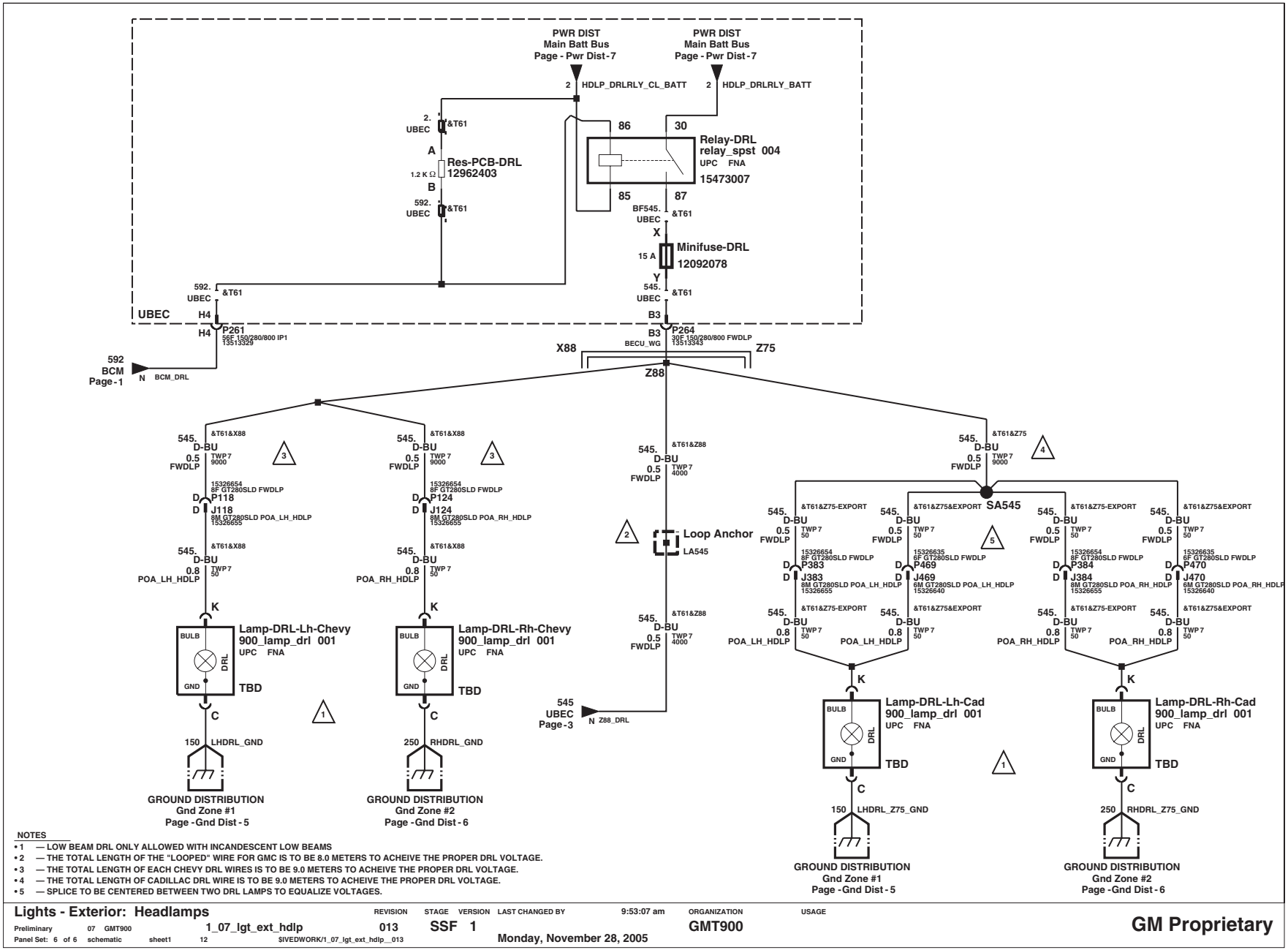
Lights – Exterior: Headlamps



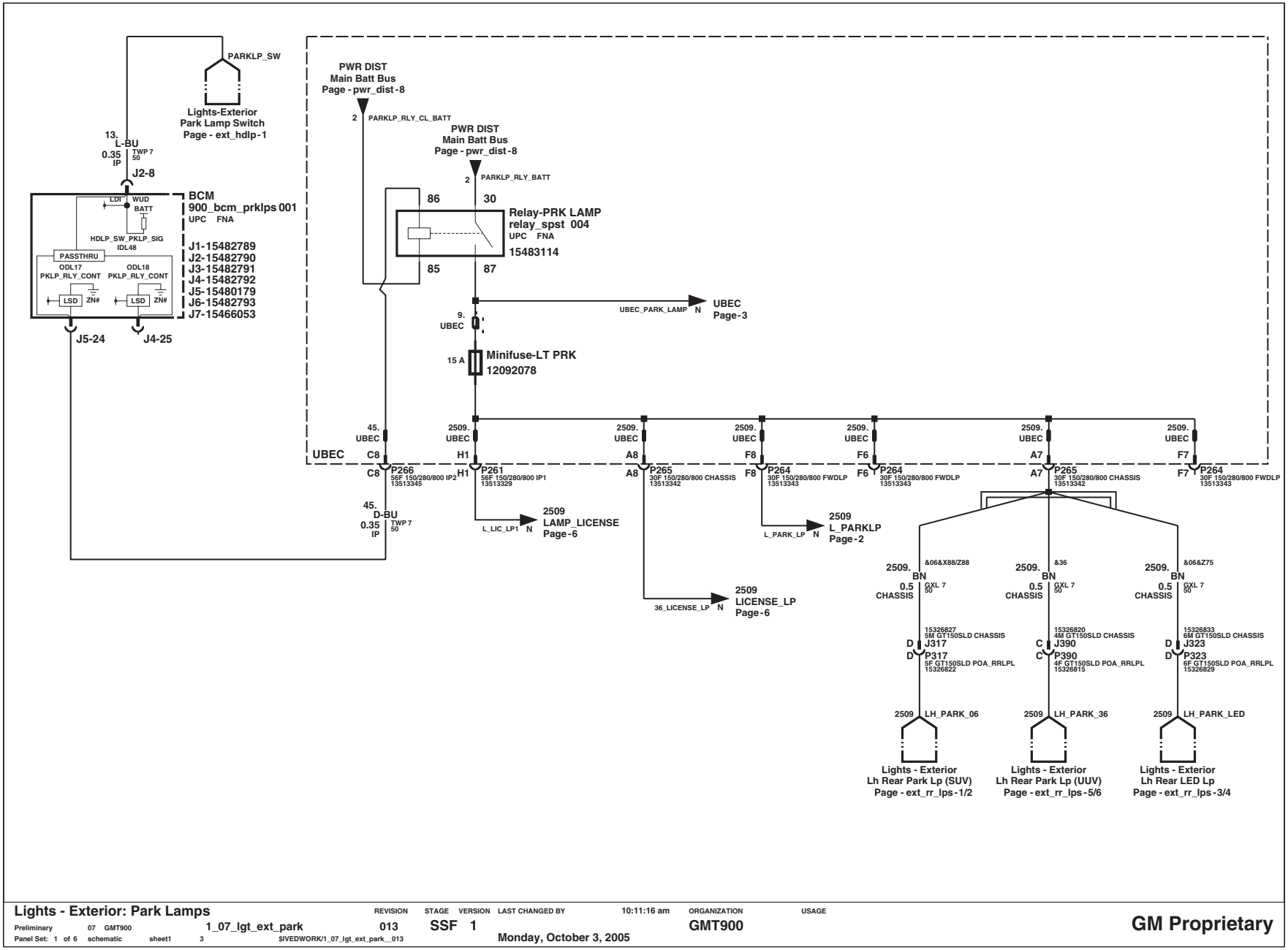
Lights - Exterior: Headlamps

REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Preliminary 07 GMT900	1_07_lgt_ext_hdlp	013	SSF	1	GMT900	GM Proprietary
Panel Set: 5 of 6 schematic sheet1 12	$IVEDWORK/1_07_lgt_ext_hdlp__013			9:53:07 am Monday, November 28, 2005		

Lights – Exterior: Headlamps



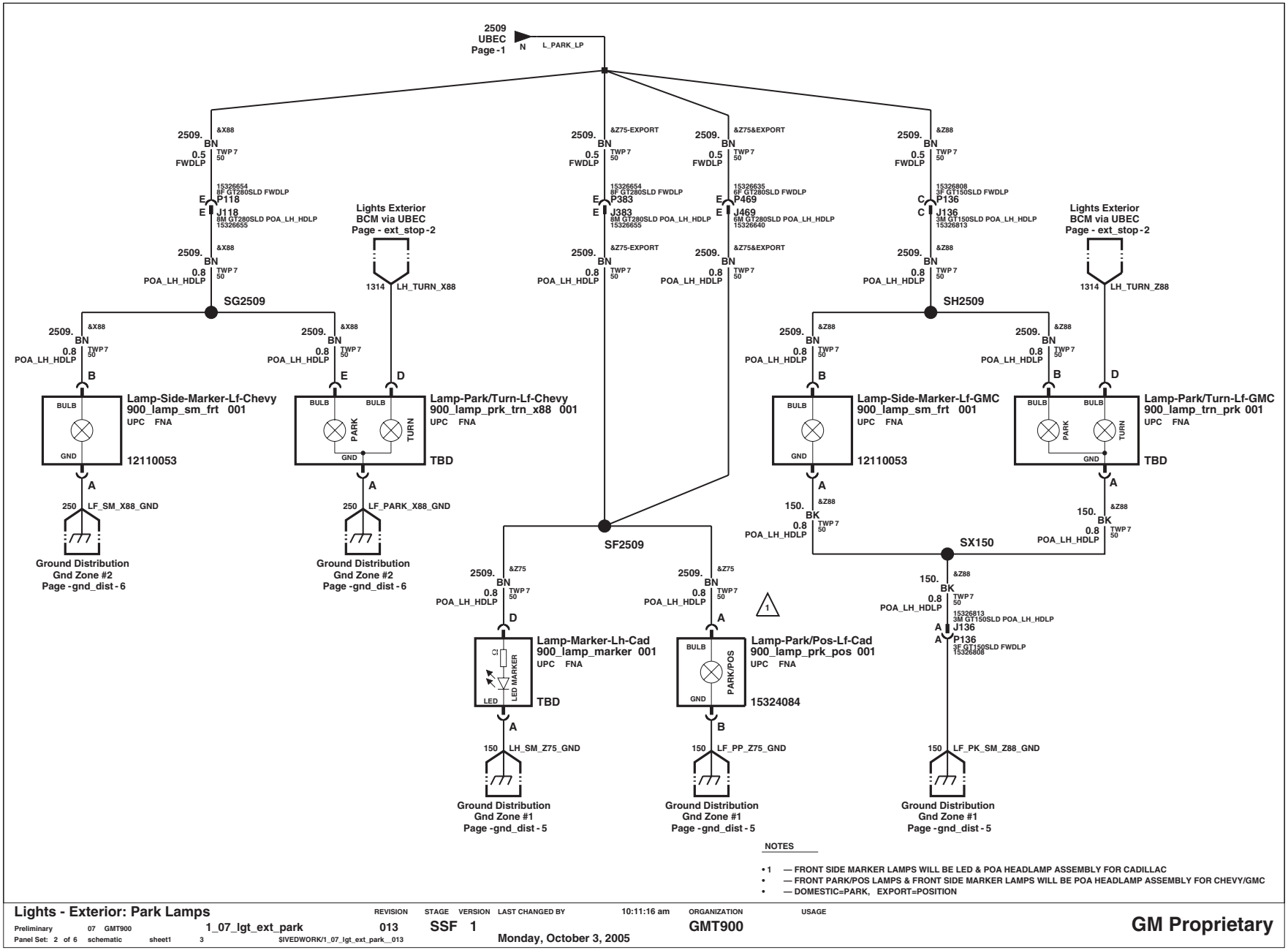
Lights – Exterior: Park Lamps



Lights - Exterior: Park Lamps

REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Preliminary 07 GMT900	1_07_lgt_ext_park	013	SSF	1	GMT900	GM Proprietary
Panel Set: 1 of 6 schematic sheet1 3	$IVEDWORK/1_07_lgt_ext_park__013		Monday, October 3, 2005	10:11:16 am		

Lights – Exterior: Park Lamps

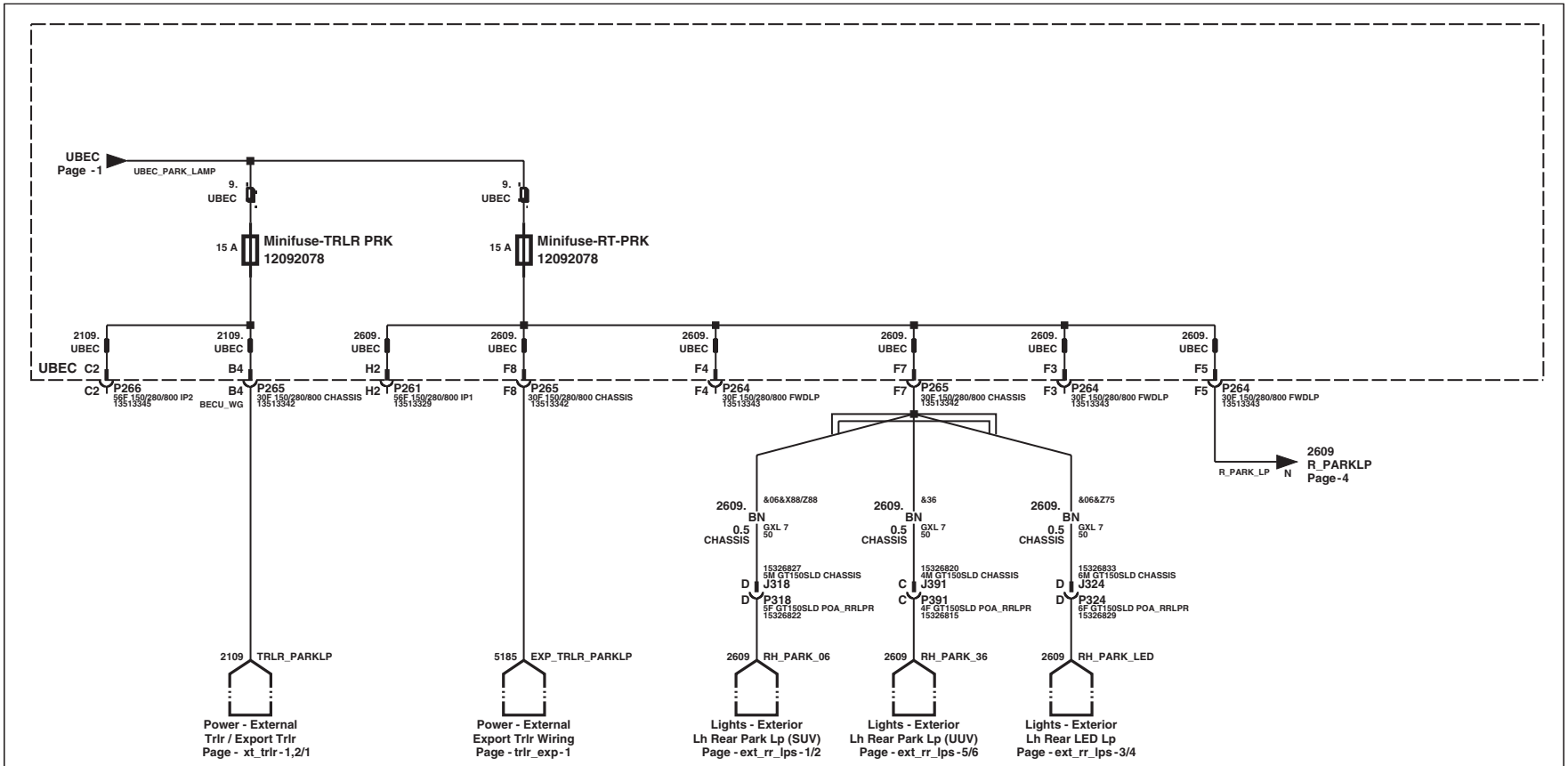


NOTES

- 1 — FRONT SIDE MARKER LAMPS WILL BE LED & POA HEADLAMP ASSEMBLY FOR CADILLAC
- — FRONT PARK/POS LAMPS & FRONT SIDE MARKER LAMPS WILL BE POA HEADLAMP ASSEMBLY FOR CHEVY/GMC
- — DOMESTIC=PARK, EXPORT=POSITION

Lights - Exterior: Park Lamps	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Preliminary 07 GMT900	1_07_lgt_ext_park	013	SSF	1	10:11:16 am	GMT900	GM Proprietary
Panel Set: 2 of 6 schematic sheet1 3	$IVEDWORK/1_07_lgt_ext_park__013				Monday, October 3, 2005		

Lights – Exterior: Park Lamps



Lights - Exterior: Park Lamps

REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
013	SSF	1		10:11:16 am	GMT900	

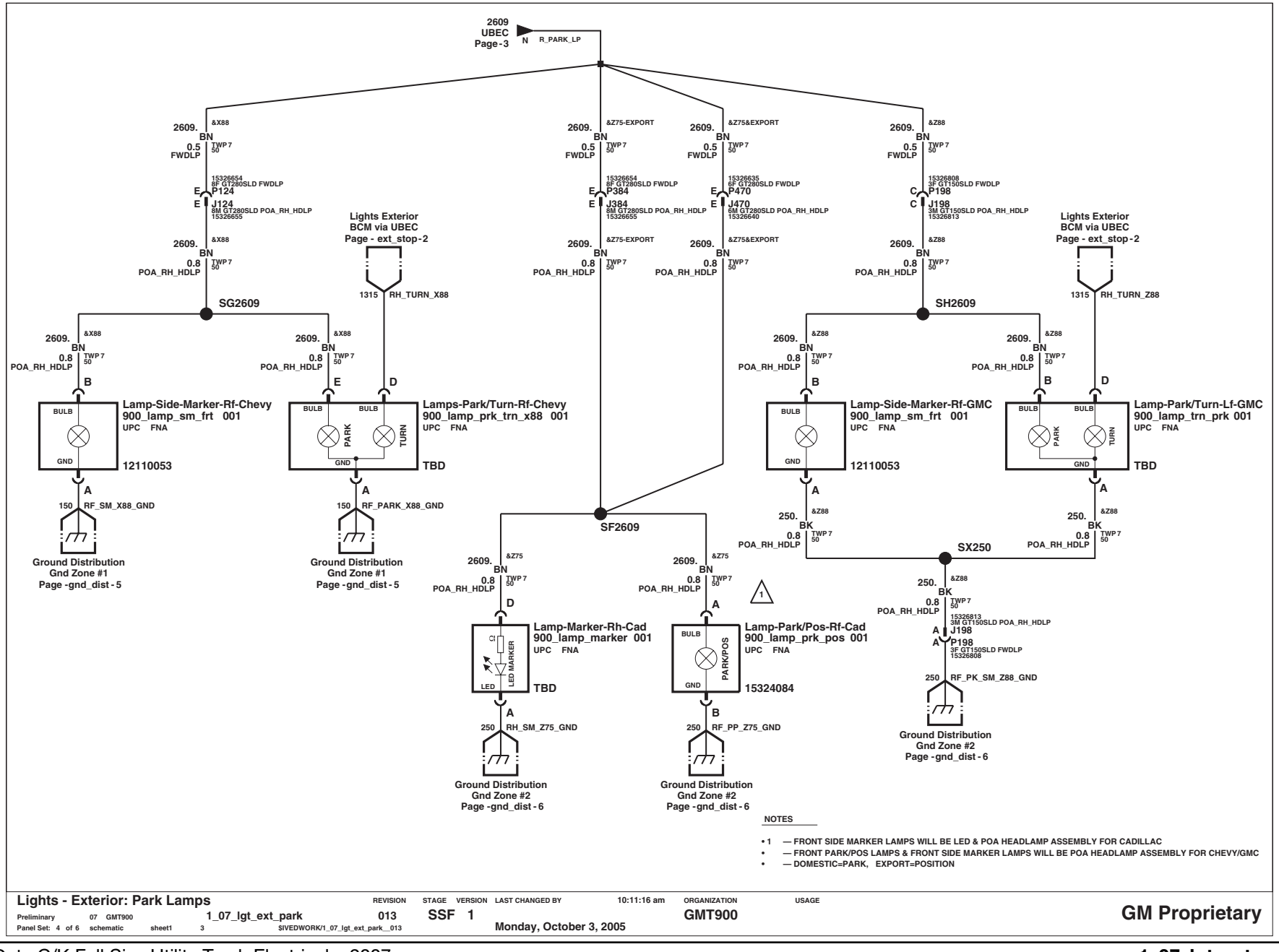
Preliminary 07 GMT900 1_07_lgt_ext_park

Panel Set: 3 of 6 schematic sheet1 3 $IVEDWORK/1_07_lgt_ext_park__013

Monday, October 3, 2005

GM Proprietary

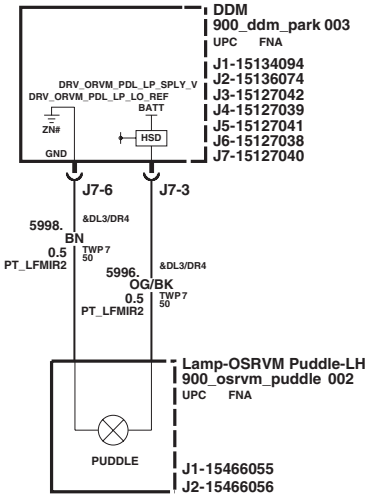
Lights – Exterior: Park Lamps

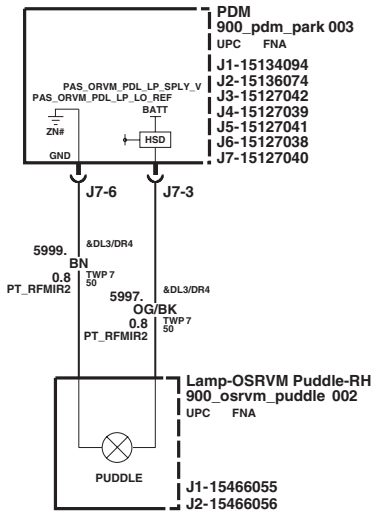


Lights - Exterior: Park Lamps

REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Preliminary 07 GMT900	1_07_lgt_ext_park	013	SSF	1	GMT900	GM Proprietary
Panel Set: 4 of 6 schematic sheet1 3	$IVEDWORK/1_07_lgt_ext_park__013		Monday, October 3, 2005	10:11:16 am		

Lights – Exterior: Park Lamps

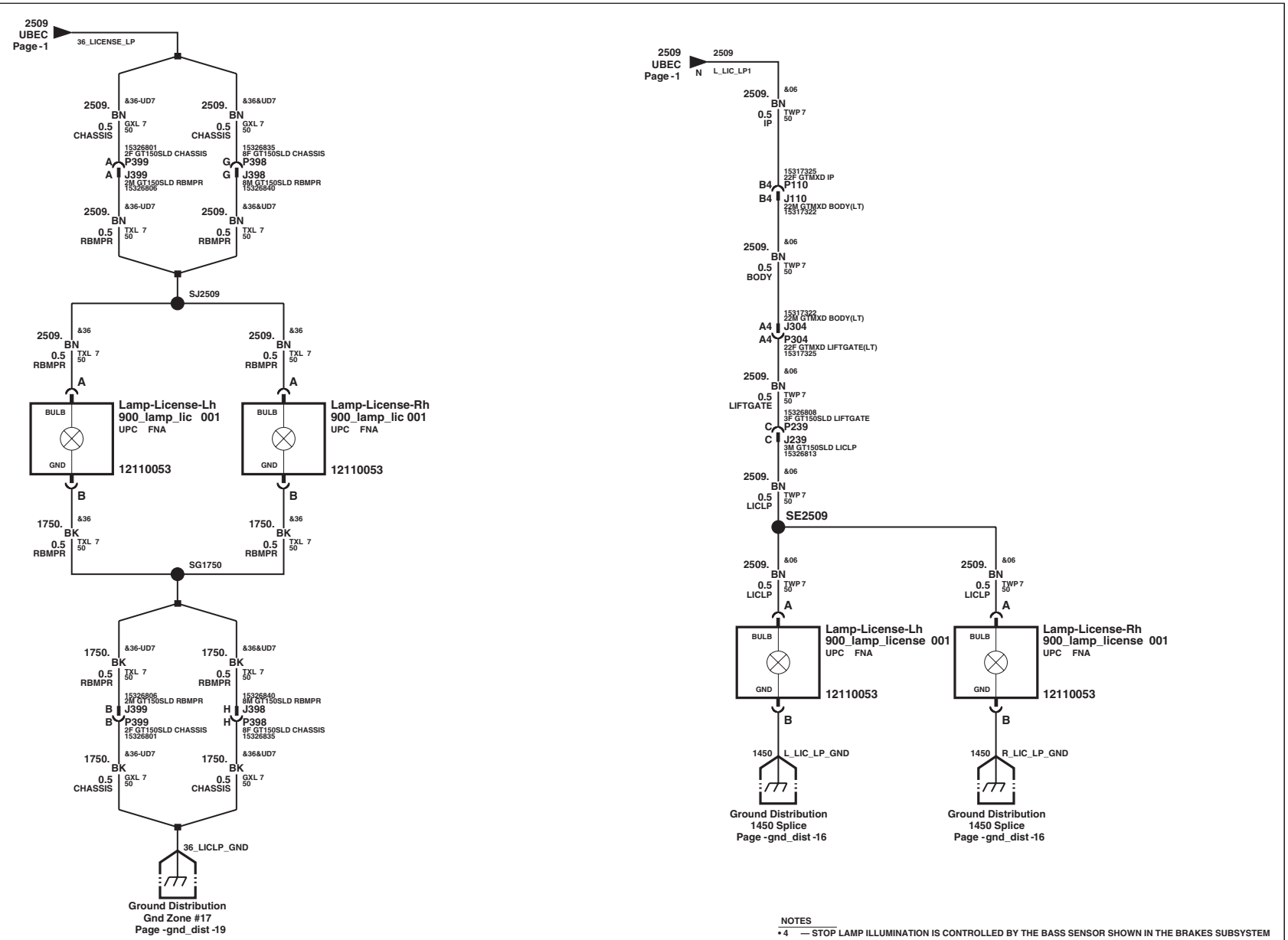




Lights - Exterior: Park Lamps

REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Preliminary 07 GMT900	1_07_lgt_ext_park	013	SSF	1	GMT900	GM Proprietary
Panel Set: 5 of 6 schematic	sheet1 3	$IVEDWORK/1_07_lgt_ext_park__013		Monday, October 3, 2005		

Lights – Exterior: Park Lamps

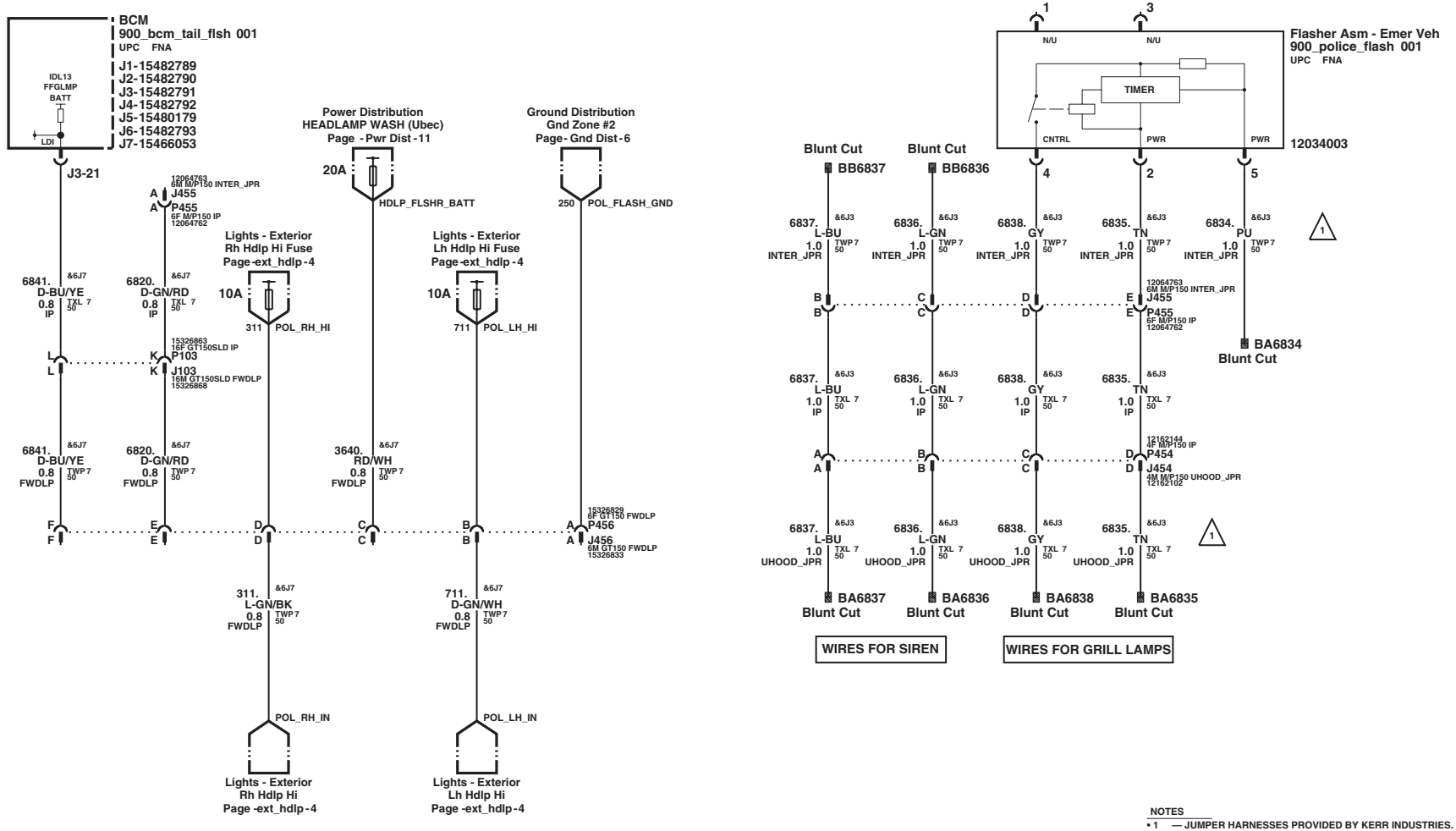

2509 UBEC Page -1
36_LICENSE_LP
2509. BN 0.5 CHASSIS &36-UD7 GXL 7 50
2509. BN 0.5 CHASSIS &36&UD7 GXL 7 50
15326801 2F GT150SLD CHASSIS
15326835 8F GT150SLD CHASSIS
A P399 A J399 2M GT150SLD RBMPR 15326806
G P398 G J398 8M GT150SLD RBMPR 15326840
2509. BN 0.5 RBMPR &36-UD7 TXL 7 50
2509. BN 0.5 RBMPR &36&UD7 TXL 7 50
SJ2509
2509. BN 0.5 RBMPR &36 TXL 7 50
2509. BN 0.5 RBMPR &36 TXL 7 50
A
BULB GND Lamp-License-Lh 900_lamp_lic 001 UPC FNA 12110053
BULB GND Lamp-License-Rh 900_lamp_lic 001 UPC FNA 12110053
B
1750. BK 0.5 RBMPR &36 TXL 7 50
1750. BK 0.5 RBMPR &36 TXL 7 50
SG1750
1750. BK 0.5 RBMPR &36-UD7 TXL 7 50
1750. BK 0.5 RBMPR &36&UD7 TXL 7 50
15326806 2M GT150SLD RBMPR
15326840 8M GT150SLD RBMPR
B J399 B P399 2F GT150SLD CHASSIS 15326801
H J398 H P398 8F GT150SLD CHASSIS 15326835
1750. BK 0.5 CHASSIS &36-UD7 GXL 7 50
1750. BK 0.5 CHASSIS &36&UD7 GXL 7 50
36_LICLP_GND
Ground Distribution Gnd Zone #17 Page -gnd_dist -19
2509 UBEC Page -1
2509 N L_LIC_LP1
2509. BN 0.5 IP &06 TWP 7 50
15317325 22F GTMXD IP
B4 P110 B4 J110 22M GTMXD BODY(LT) 15317322
2509. BN 0.5 BODY &06 TWP 7 50
15317322 22M GTMXD BODY(LT)
A4 J304 A4 P304 22F GTMXD LIFTGATE(LT) 15317325
2509. BN 0.5 LIFTGATE &06 TWP 7 50
15326808 3F GT150SLD LIFTGATE
C P239 C J239 3M GT150SLD LICLP 15326813
2509. BN 0.5 LICLP &06 TWP 7 50
SE2509
2509. BN 0.5 LICLP &06 TWP 7 50
2509. BN 0.5 LICLP &06 TWP 7 50
A
BULB GND Lamp-License-Lh 900_lamp_license 001 UPC FNA 12110053
BULB GND Lamp-License-Rh 900_lamp_license 001 UPC FNA 12110053
B
1450 L_LIC_LP_GND
1450 R_LIC_LP_GND
Ground Distribution 1450 Splice Page -gnd_dist -16
Ground Distribution 1450 Splice Page -gnd_dist -16

NOTES

• 4 — STOP LAMP ILLUMINATION IS CONTROLLED BY THE BASS SENSOR SHOWN IN THE BRAKES SUBSYSTEM

Lights - Exterior: Park Lamps	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Preliminary 07 GMT900 1_07_lgt_ext_park	013	SSF	1		10:11:16 am	GMT900	GM Proprietary
Panel Set: 6 of 6 schematic sheet1 3 $IVEDWORK/1_07_lgt_ext_park__013				Monday, October 3, 2005			

Lights – Exterior: Police Lighting Provisions

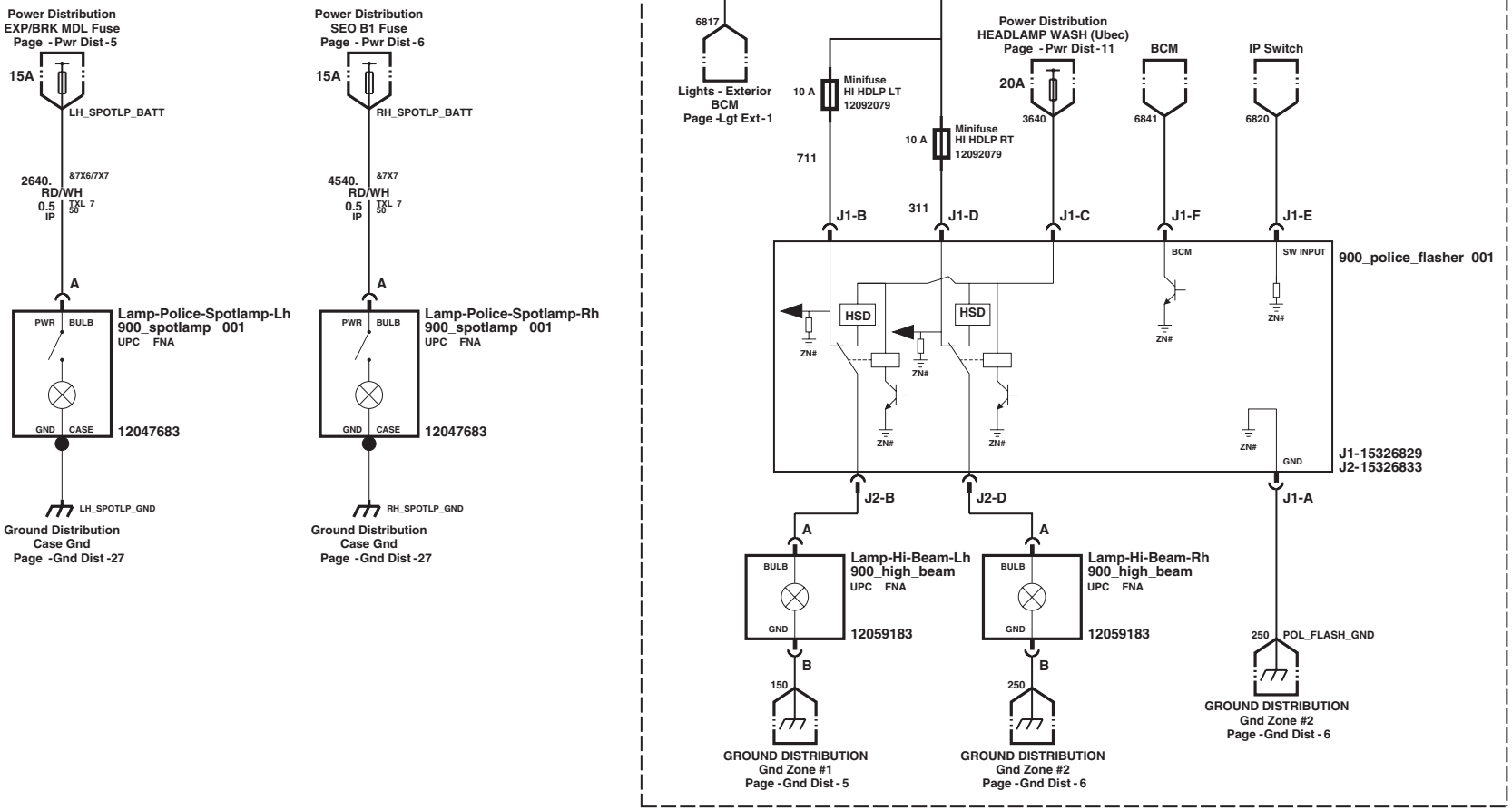


NOTES
• 1 — JUMPER HARNESSES PROVIDED BY KERR INDUSTRIES.

Lights - Exterior: Police Lighting Provisions

REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Preliminary 07 GMT900	1_07_lgt_ext_police	013	SSF	1	GMT900	GM Proprietary
Panel Set: 1 of 2 schematic	sheet1 7	$IVEDWORK/1_07_lgt_ext_police__013	Wednesday, October 26, 2005			

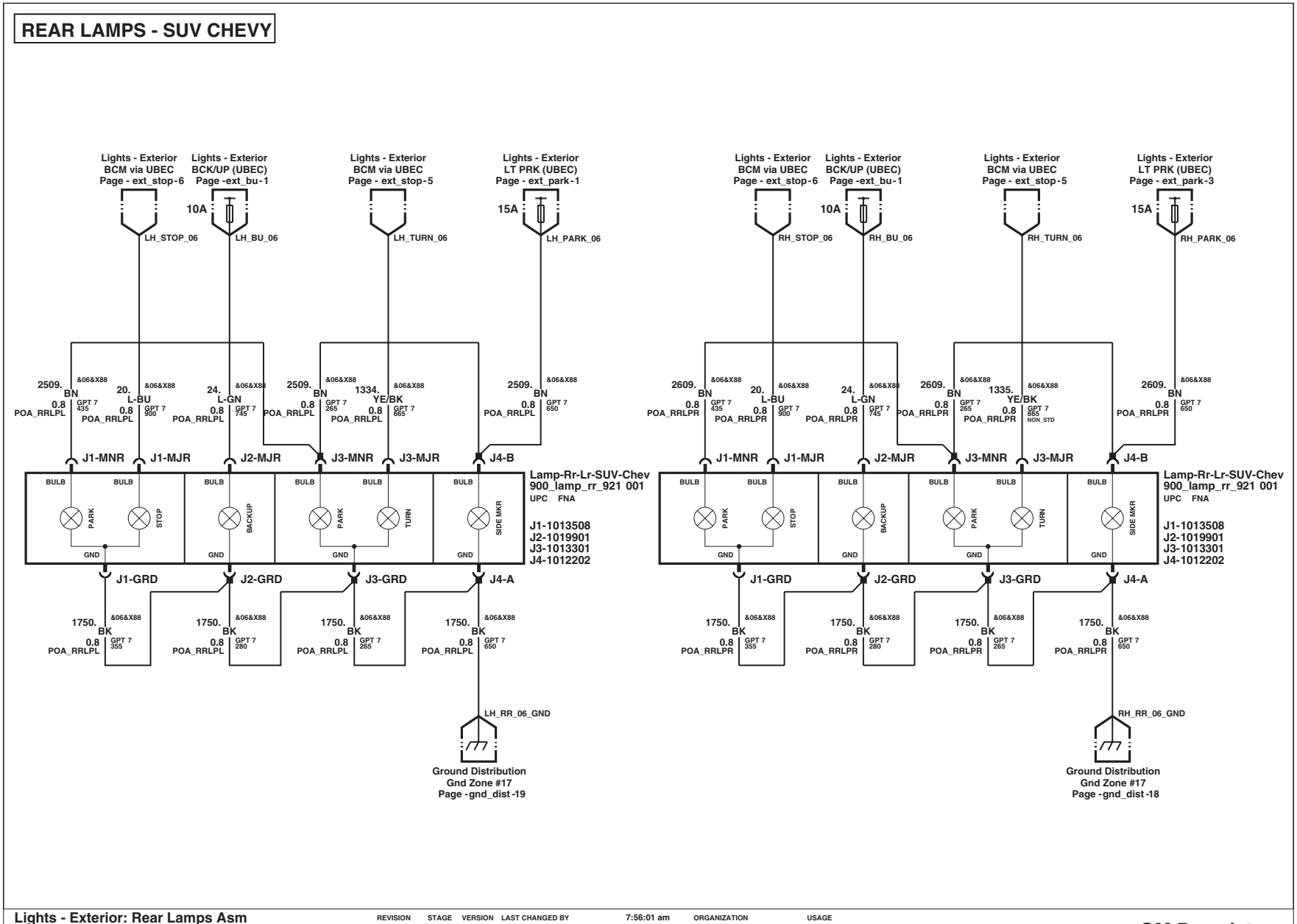
Lights – Exterior: Police Lighting Provisions



Lights - Exterior: Police Lighting Provisions

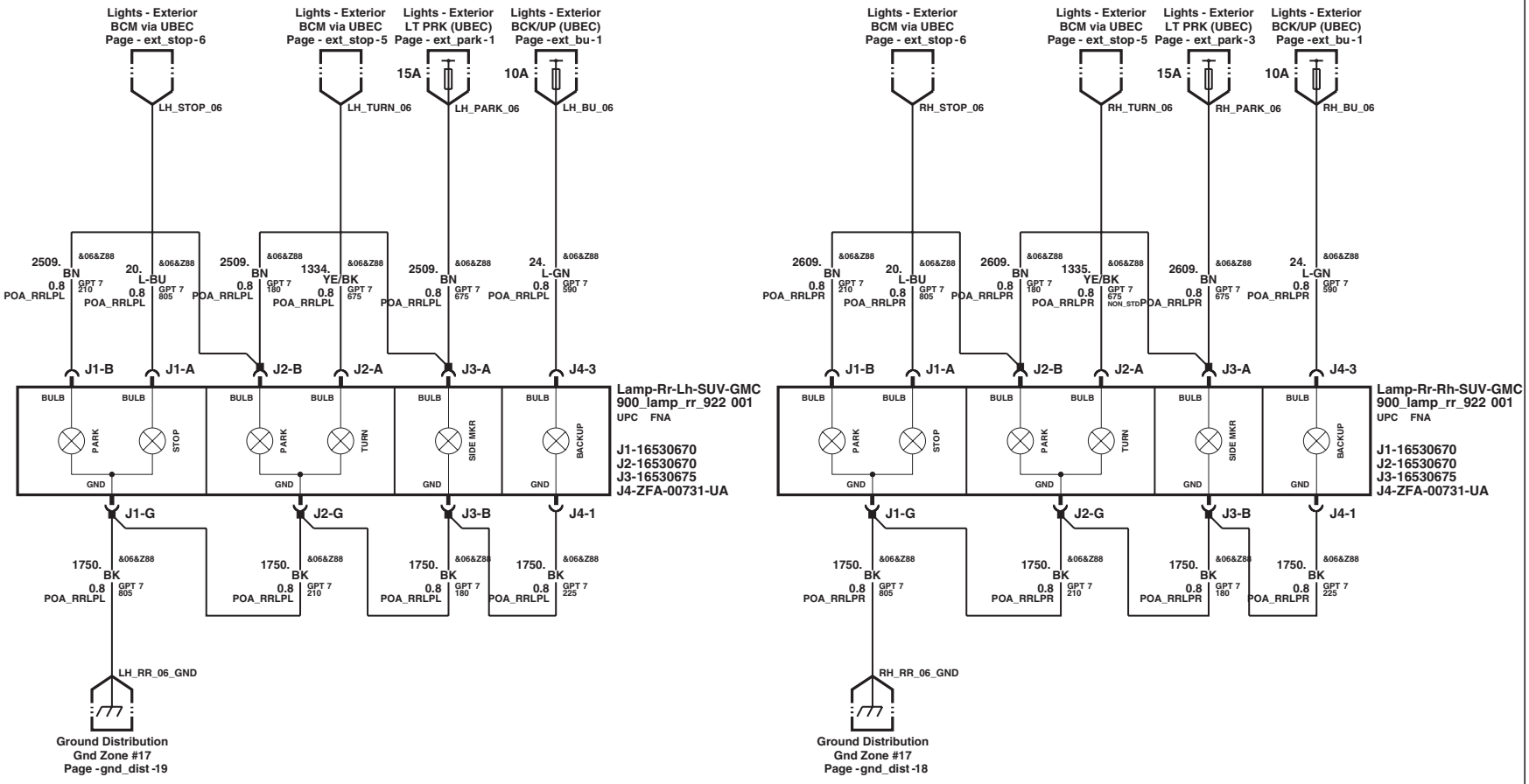
REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Preliminary 07 GMT900		1_07_lgt_ext_police	013	SSF 1	GMT900	GM Proprietary
Panel Set: 2 of 2 schematic sheet1 7		$IVEDWORK/1_07_lgt_ext_police__013		Wednesday, October 26, 2005		

Lights – Exterior: Rear Lamps Asm



Lights – Exterior: Rear Lamps Asm

REAR LAMPS - SUV GMC



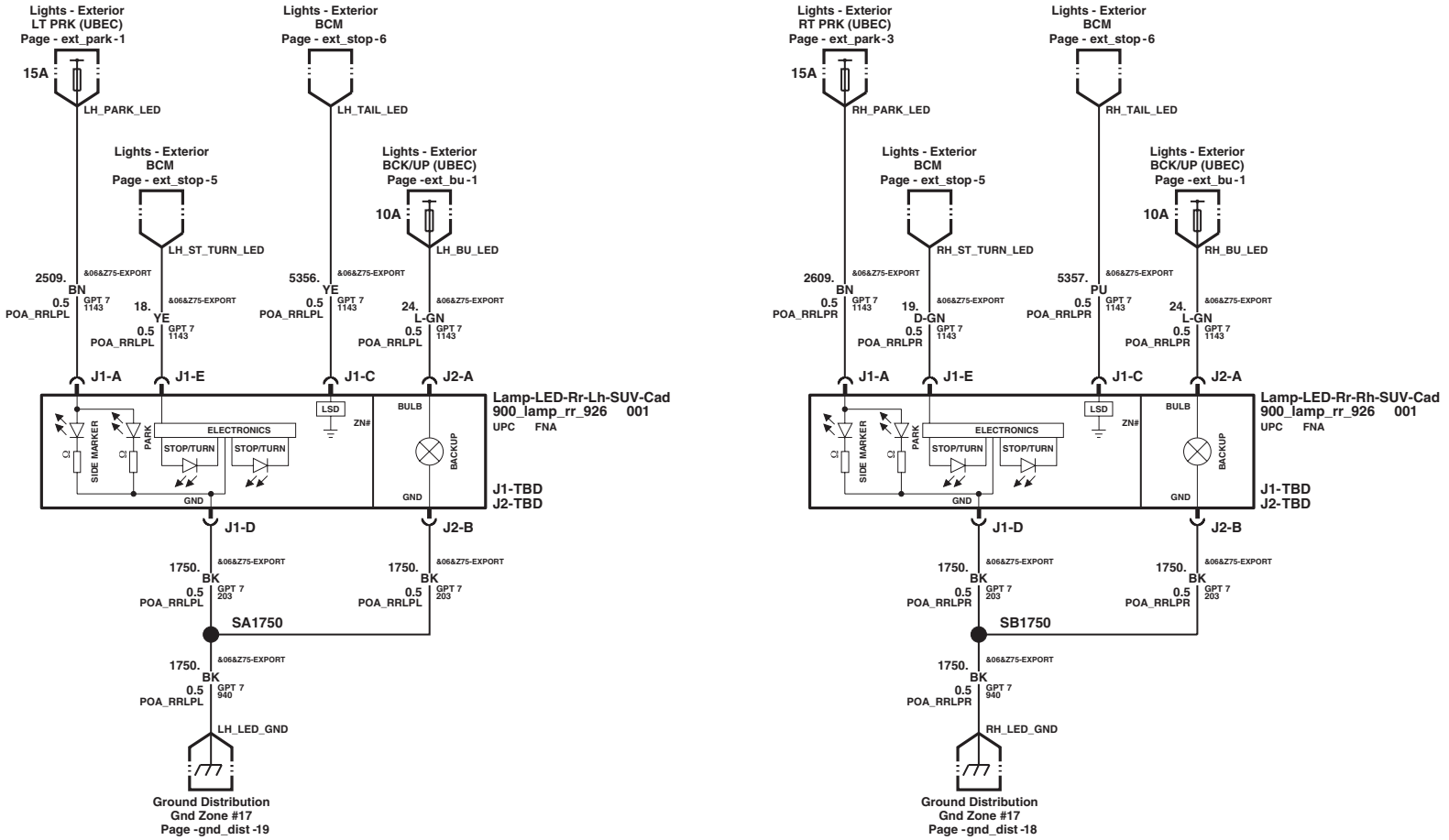
Lights - Exterior: Rear Lamps Asm REVISION STAGE VERSION LAST CHANGED BY 7:56:01 am ORGANIZATION USAGE

Preliminary 07 GMT900 1_07_lgt_ext_rr_lps 013 SSF 1 GMT900 **GM Proprietary**

Panel Set: 2 of 6 schematic sheet1 1 $IVEDWORK/1_07_lgt_ext_rr_lps__013 Tuesday, September 6, 2005

Lights – Exterior: Rear Lamps Asm

REAR LAMPS - SUV CADILLAC - DOMESTIC



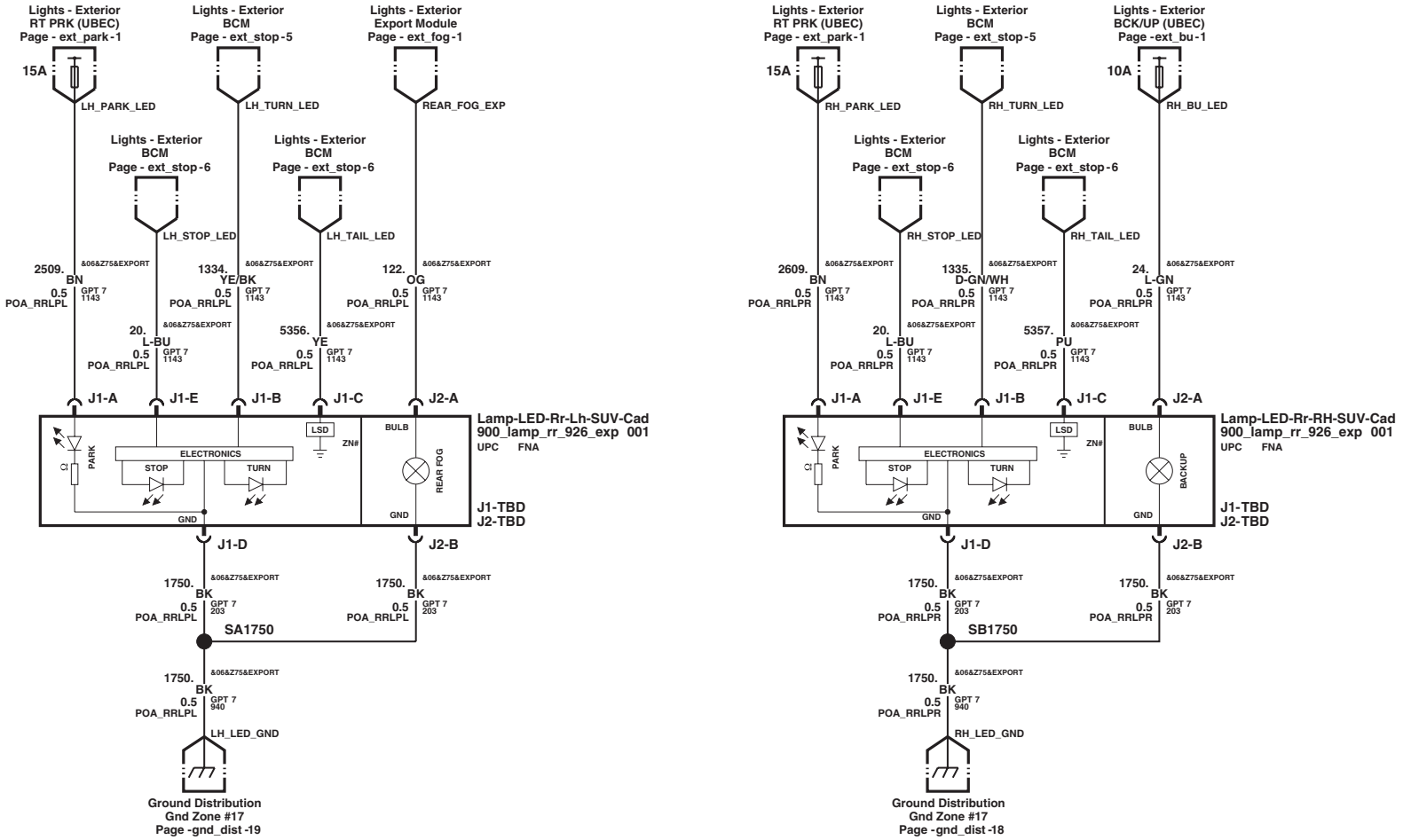
Lights - Exterior: Rear Lamps Asm

REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Preliminary 07 GMT900	1_07_lgt_ext_rr_lps	013	SSF	1	GMT900	
Panel Set: 3 of 6 schematic sheet1 1	$IVEDWORK/1_07_lgt_ext_rr_lps__013		Tuesday, September 6, 2005			

GM Proprietary

Lights – Exterior: Rear Lamps Asm

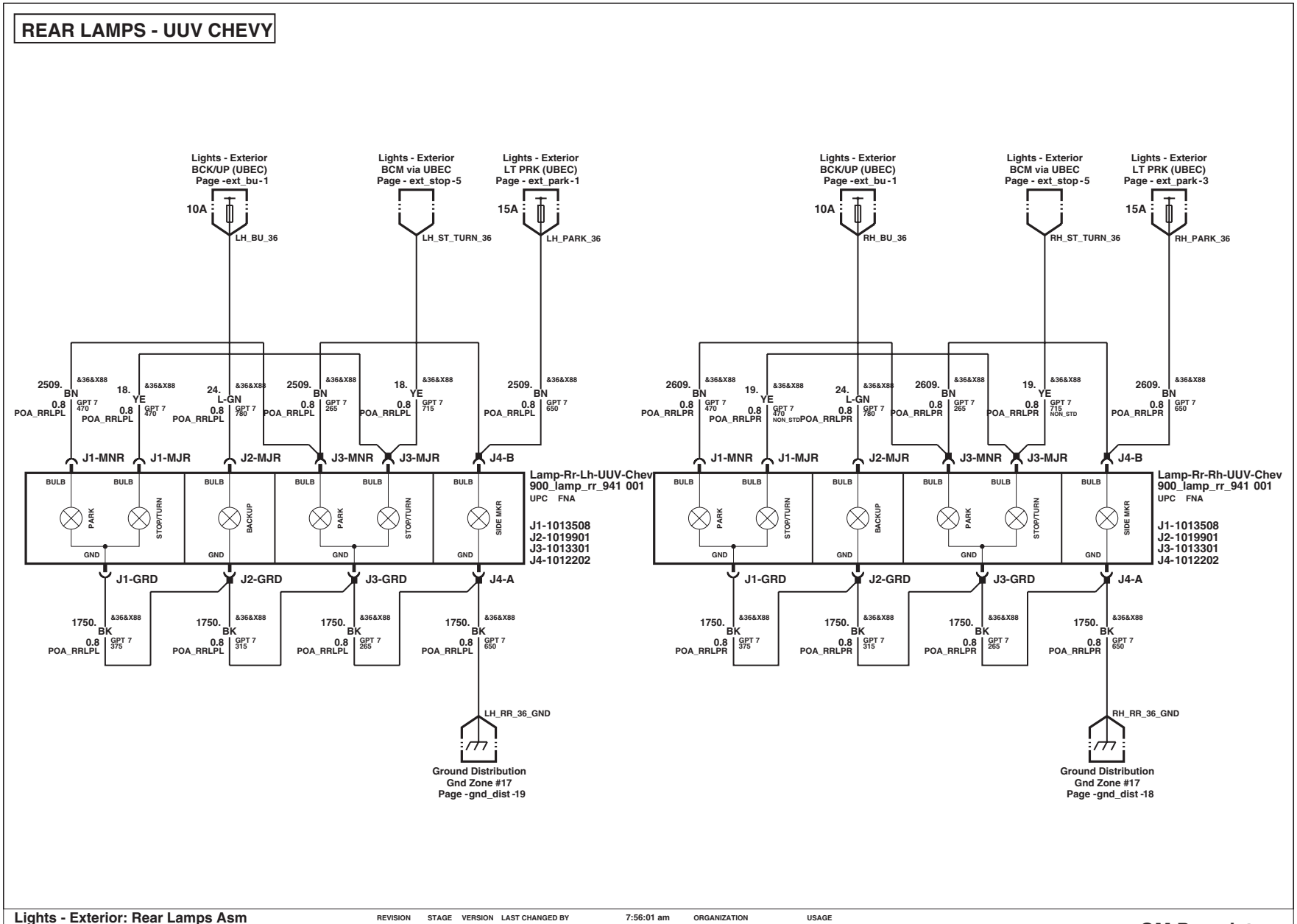
REAR LAMPS - SUV CADILLAC - EXPORT EUROPEAN



Lights - Exterior: Rear Lamps Asm

REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Preliminary 07 GMT900	1_07_lgt_ext_rr_lps	013	SSF	1	GMT900	GM Proprietary
Panel Set: 4 of 6 schematic sheet1 1	$IVEDWORK/1_07_lgt_ext_rr_lps__013		Tuesday, September 6, 2005	7:56:01 am		

Lights – Exterior: Rear Lamps Asm

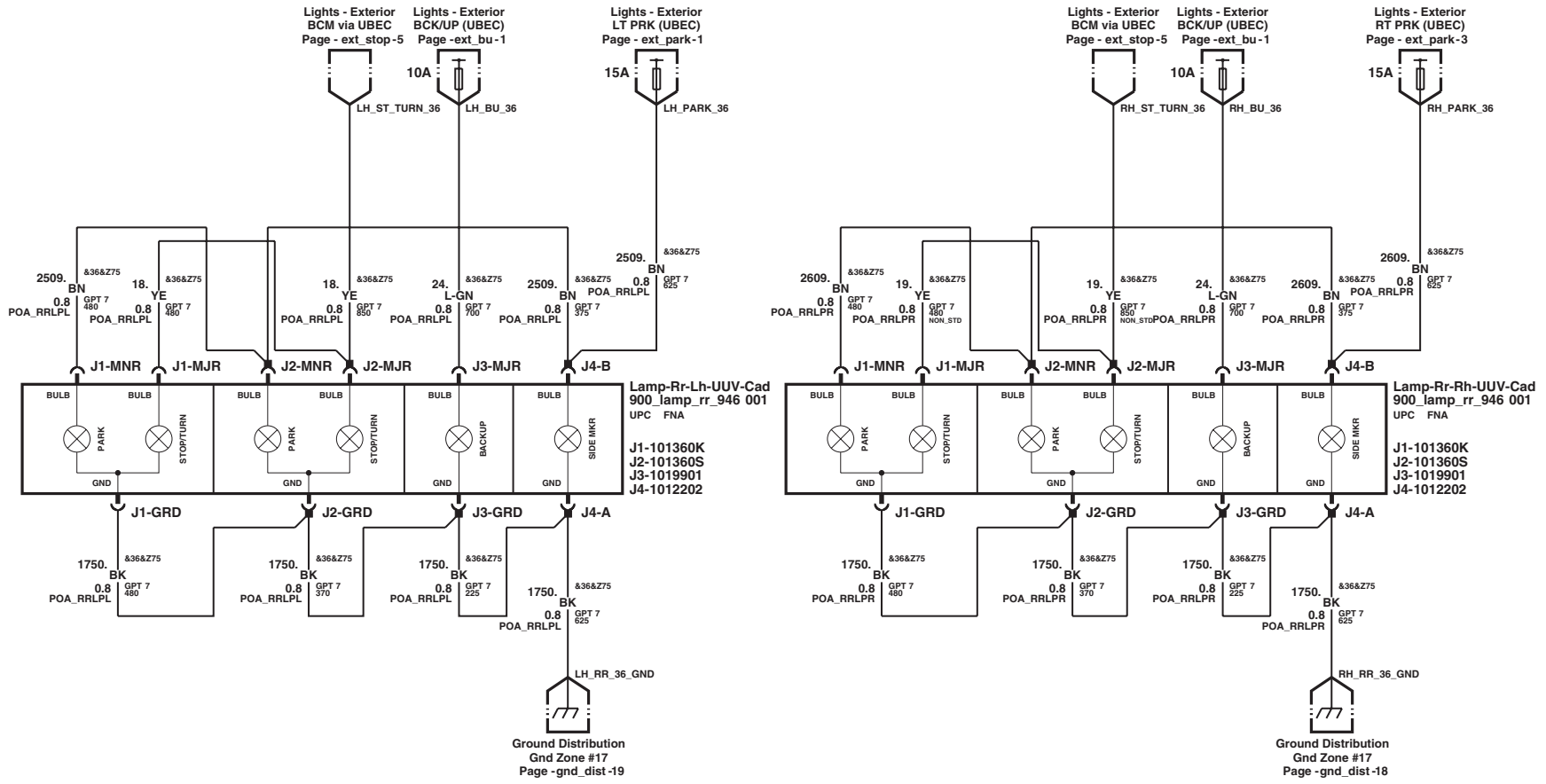


Lights - Exterior: Rear Lamps Asm

REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Preliminary 07 GMT900	1_07_lgt_ext_rr_lps	013	SSF	1	GMT900	GM Proprietary
Panel Set: 5 of 6 schematic sheet1 1	$IVEDWORK/1_07_lgt_ext_rr_lps__013		Tuesday, September 6, 2005			

Lights – Exterior: Rear Lamps Asm

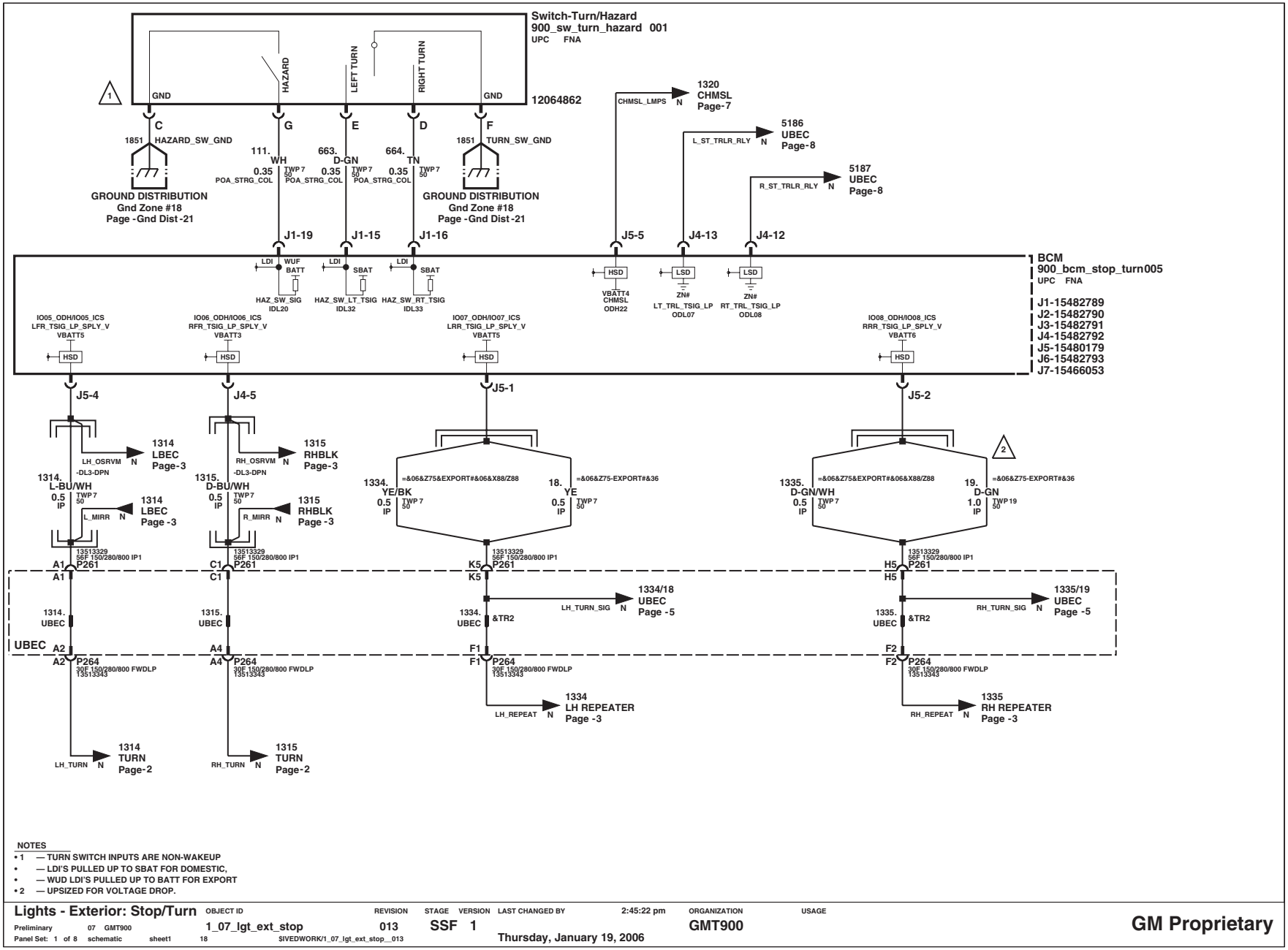
REAR LAMPS - UUV CADILLAC



Lights - Exterior: Rear Lamps Asm

REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Preliminary	07 GMT900	1_07_lgt_ext_rr_lps	013	SSF 1	GMT900	GM Proprietary
Panel Set: 6 of 6	schematic	sheet1 1	$IVEDWORK/1_07_lgt_ext_rr_lps__013	Tuesday, September 6, 2005		

Lights – Exterior: Stop/Turn



NOTES

- 1 — TURN SWITCH INPUTS ARE NON-WAKEUP
- — LDI'S PULLED UP TO SBAT FOR DOMESTIC,
- — WUD LDI'S PULLED UP TO BATT FOR EXPORT
- 2 — UPSIZED FOR VOLTAGE DROP.

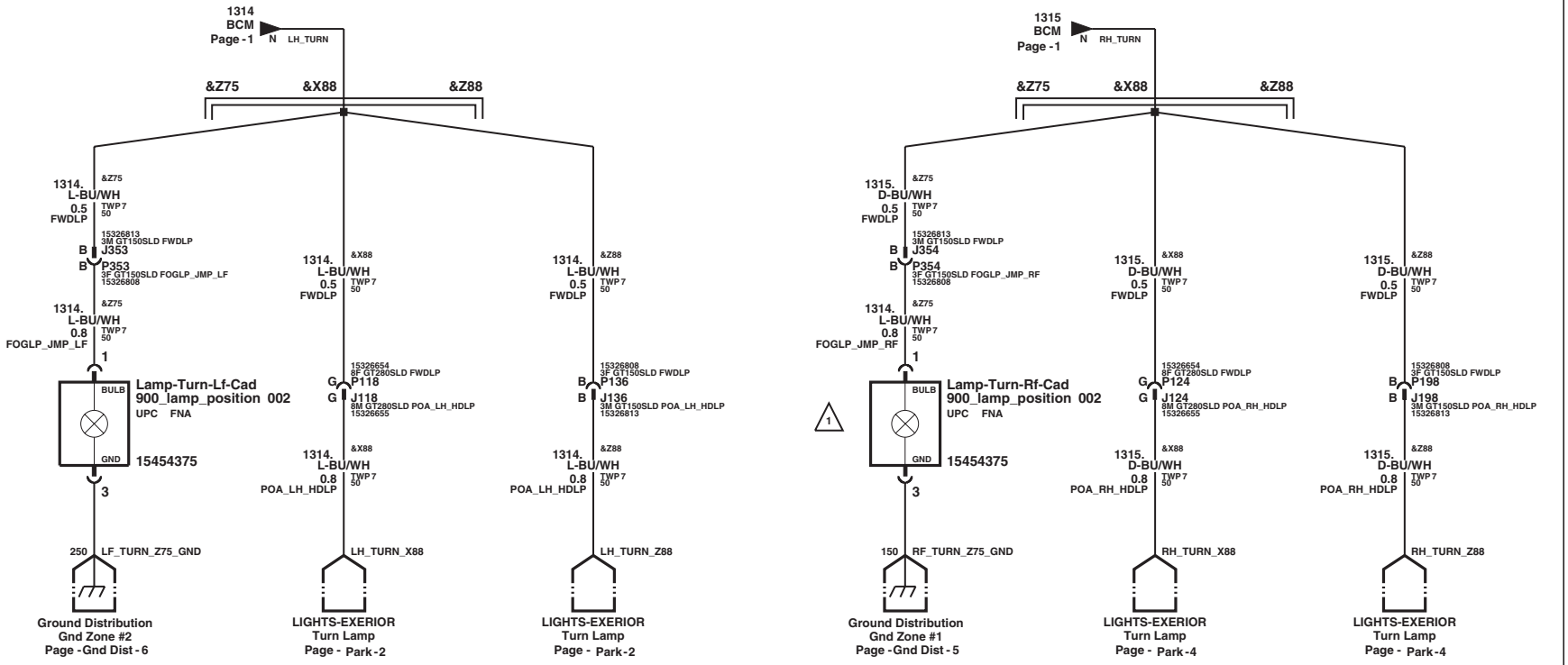
Lights - Exterior: Stop/Turn

OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
1_07_lgt_ext_stop	013	SSF	1		2:45:22 pm	GMT900	

Preliminary 07 GMT900 — Panel Set: 1 of 8 schematic sheet1 18 — $IVEDWORK/1_07_lgt_ext_stop__013 — Thursday, January 19, 2006

GM Proprietary

Lights – Exterior: Stop/Turn

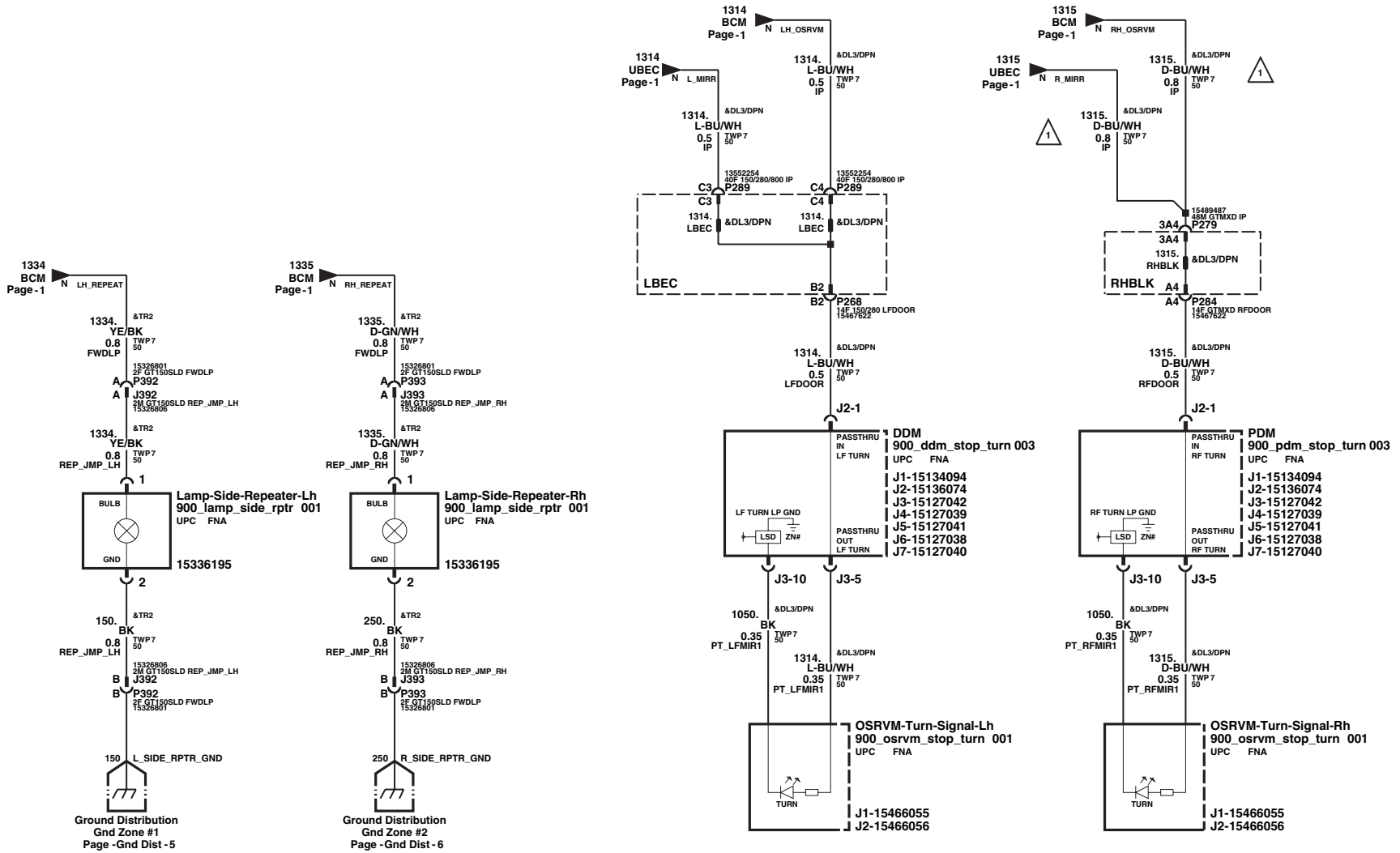


NOTE

• 1 — FOGLP_JMP_LF WILL BE USED ON RIGHT SIDE OF VEHICLE

Lights - Exterior: Stop/Turn	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Preliminary 07 GMT900	1_07_lgt_ext_stop	013	SSF	1		2:45:22 pm	GMT900	GM Proprietary
Panel Set: 2 of 8 schematic sheet1 18	$IVEDWORK/1_07_lgt_ext_stop__013				Thursday, January 19, 2006			

Lights – Exterior: Stop/Turn


1334 BCM Page-1 N LH_REPEAT
1334. YE/BK 0.8 FWDLP &TR2 TWP 7 50
15326801 2F GT150SLD FWDLP
A P392
A J392
2M GT150SLD REP_JMP_LH 15326806
1334. YE/BK 0.8 REP_JMP_LH &TR2 TWP 7 50
1 BULB GND
Lamp-Side-Repeater-Lh 900_lamp_side_rptr_001 UPC FNA
15336195
2
150. BK 0.8 REP_JMP_LH &TR2 TWP 7 50
15326806 2M GT150SLD REP_JMP_LH
B J392
B P392 2F GT150SLD FWDLP 15326801
150 L_SIDE_RPTR_GND
Ground Distribution Gnd Zone #1 Page -Gnd Dist - 5
1335 BCM Page-1 N RH_REPEAT
1335. D-GN/WH 0.8 FWDLP &TR2 TWP 7 50
15326801 2F GT150SLD FWDLP
A P393
A J393
2M GT150SLD REP_JMP_RH 15326806
1335. D-GN/WH 0.8 REP_JMP_RH &TR2 TWP 7 50
1 BULB GND
Lamp-Side-Repeater-Rh 900_lamp_side_rptr_001 UPC FNA
15336195
2
250. BK 0.8 REP_JMP_RH &TR2 TWP 7 50
15326806 2M GT150SLD REP_JMP_RH
B J393
B P393 2F GT150SLD FWDLP 15326801
250 R_SIDE_RPTR_GND
Ground Distribution Gnd Zone #2 Page -Gnd Dist - 6
1314 BCM Page-1 N LH_OSRVM
1314 UBEC Page-1 N L_MIRR
1314. L-BU/WH 0.5 IP &DL3/DPN TWP 7 50
13552254 40F 150/280/800 IP
C3 P289 C4 P289
1314. LBEC &DL3/DPN
LBEC B2 P268 14F 150/280 LFDOOR 15467622
1314. L-BU/WH 0.5 LFDOOR &DL3/DPN TWP 7 50
J2-1
DDM 900_ddm_stop_turn 003 UPC FNA
PASSTHRU IN LF TURN
PASSTHRU OUT LF TURN
LF TURN LP GND LSD ZN#
J1-15134094 J2-15136074 J3-15127042 J4-15127039 J5-15127041 J6-15127038 J7-15127040
J3-10 J3-5
1050. BK 0.35 PT_LFMIR1 &DL3/DPN TWP 7 50
1314. L-BU/WH 0.35 PT_LFMIR1 &DL3/DPN TWP 7 50
OSRVM-Turn-Signal-Lh 900_osrvm_stop_turn 001 UPC FNA
TURN
J1-15466055 J2-15466056
1315 BCM Page-1 N RH_OSRVM
1315 UBEC Page-1 N R_MIRR
1315. D-BU/WH 0.8 IP &DL3/DPN TWP 7 50
1
15489487 48M GTMXD IP
3A4 P279
1315. RHBLK &DL3/DPN
RHBLK A4 P284 14F GTMXD RFDOOR 15467622
1315. D-BU/WH 0.5 RFDOOR &DL3/DPN TWP 7 50
J2-1
PDM 900_pdm_stop_turn 003 UPC FNA
PASSTHRU IN RF TURN
PASSTHRU OUT RF TURN
RF TURN LP GND LSD ZN#
J1-15134094 J2-15136074 J3-15127042 J4-15127039 J5-15127041 J6-15127038 J7-15127040
J3-10 J3-5
1050. BK 0.35 PT_RFMIR1 &DL3/DPN TWP 7 50
1315. D-BU/WH 0.35 PT_RFMIR1 &DL3/DPN TWP 7 50
OSRVM-Turn-Signal-Rh 900_osrvm_stop_turn 001 UPC FNA
TURN
J1-15466055 J2-15466056

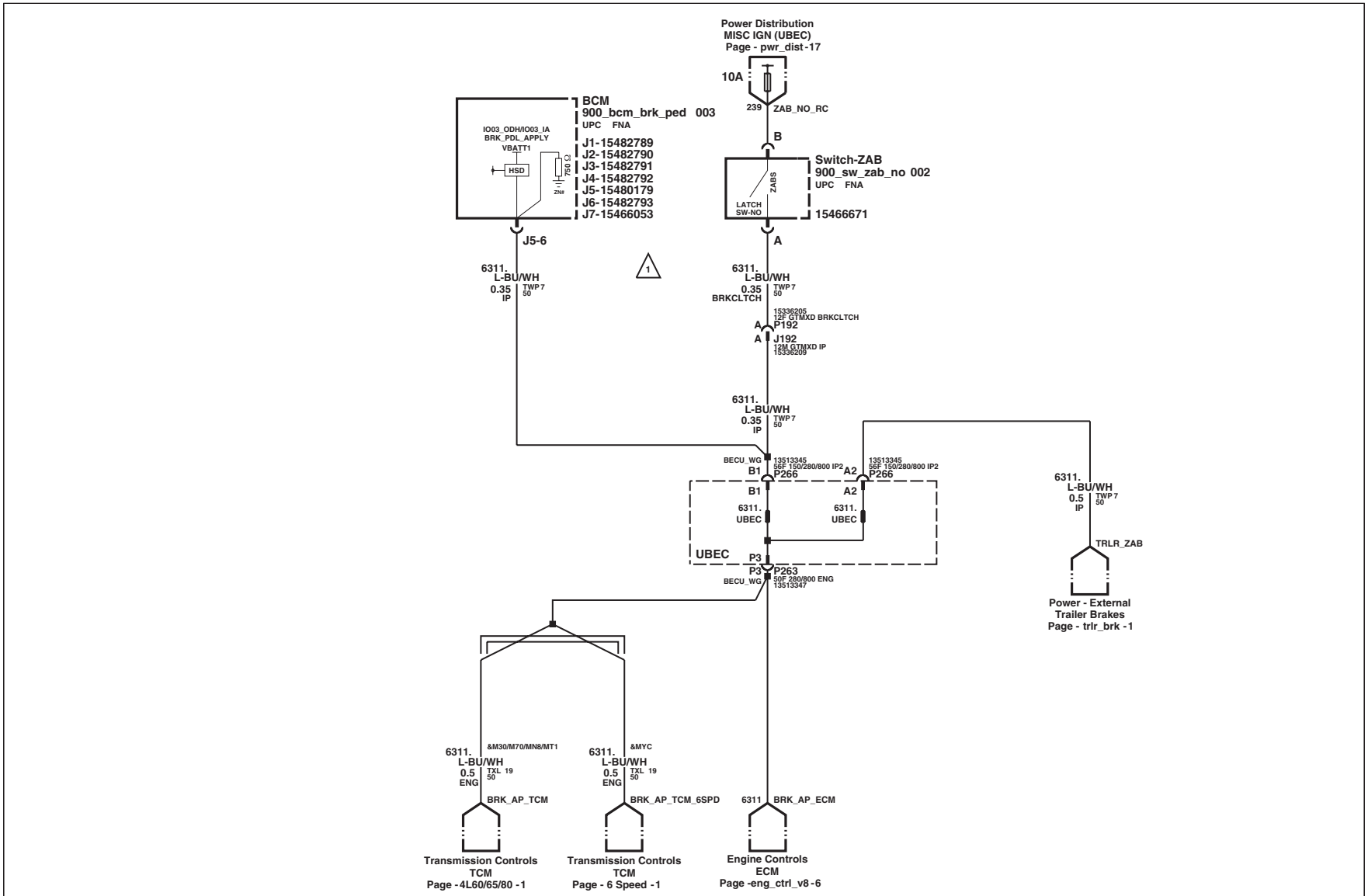
NOTE

• 1 — 0.8 WIRE GAUGES REQUIRED TO BALANCE
— VOLTAGES TO THE FRONT TURN LAMPS.

Lights - Exterior: Stop/Turn OBJECT ID 1_07_lgt_ext_stop REVISION 013 STAGE SSF VERSION 1 LAST CHANGED BY 2:45:22 pm ORGANIZATION GMT900 USAGE **GM Proprietary**

Preliminary 07 GMT900 Panel Set: 3 of 8 schematic sheet1 18 $IVEDWORK/1_07_lgt_ext_stop__013 Thursday, January 19, 2006

Lights – Exterior: Stop/Turn

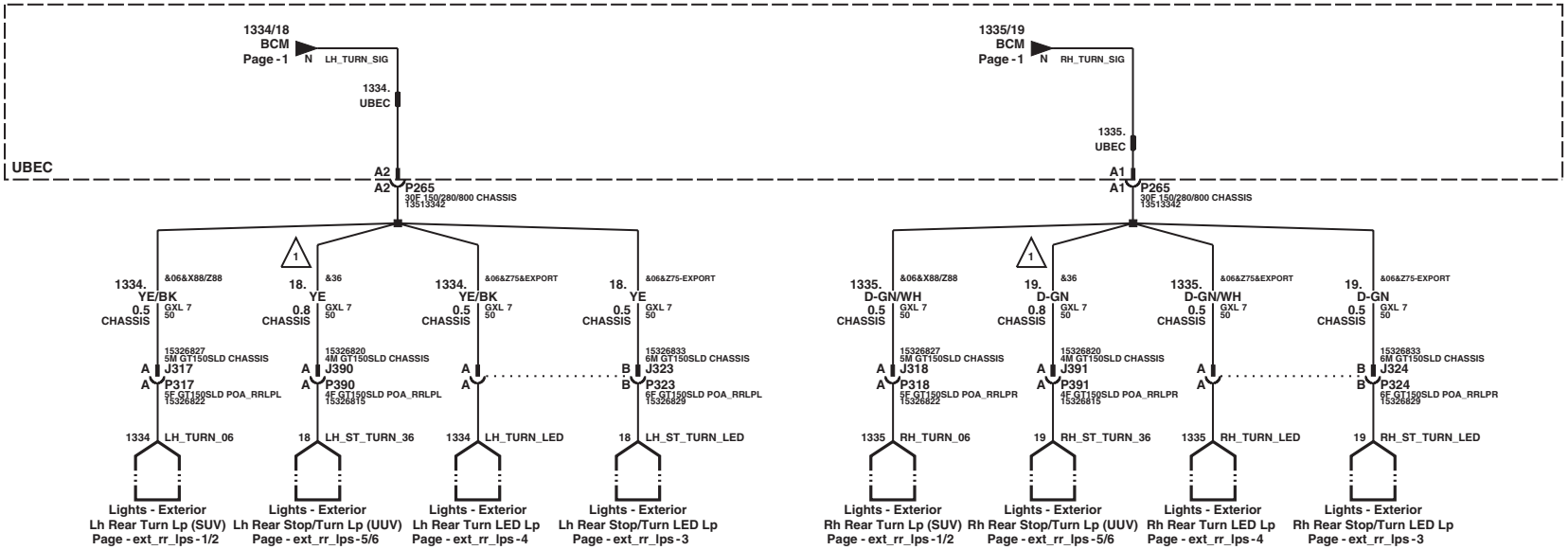


NOTE

• 1 — CIRCUIT 6311 IS CONNECTED TO THE BCM BRAKE PEDAL APPLY OUTPUT SOLELY TO PROVIDE THE 750 OHM
— PULL DOWN REQUIRED BY PPEI 3.X. THE BCM HSD ON THIS OUTPUT IS NEVER ASSERTED

Lights - Exterior: Stop/Turn	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Preliminary 07 GMT900	1_07_lgt_ext_stop	013	SSF	1		2:45:22 pm	GMT900	GM Proprietary
Panel Set: 4 of 8 schematic sheet1 18	$IVEDWORK/1_07_lgt_ext_stop__013				Thursday, January 19, 2006			

Lights – Exterior: Stop/Turn



NOTE

• 1 — UPSIZED FOR VOLTAGE DROP.

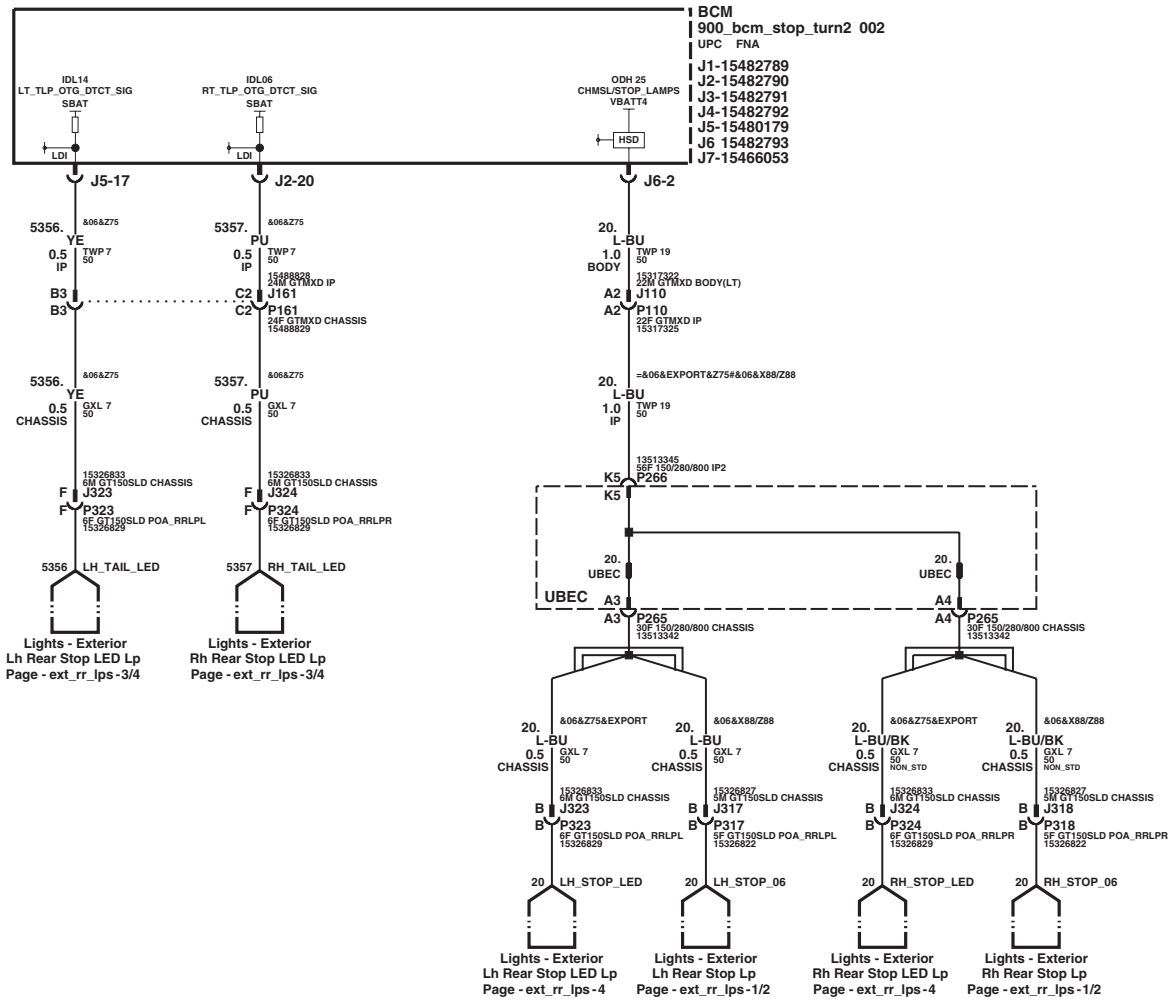
Lights - Exterior: Stop/Turn

OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
1_07_lgt_ext_stop	013	SSF	1		2:45:22 pm	GMT900	

Preliminary 07 GMT900
Panel Set: 5 of 8 schematic sheet1 18 $IVEDWORK/1_07_lgt_ext_stop__013
Thursday, January 19, 2006

GM Proprietary

Lights – Exterior: Stop/Turn

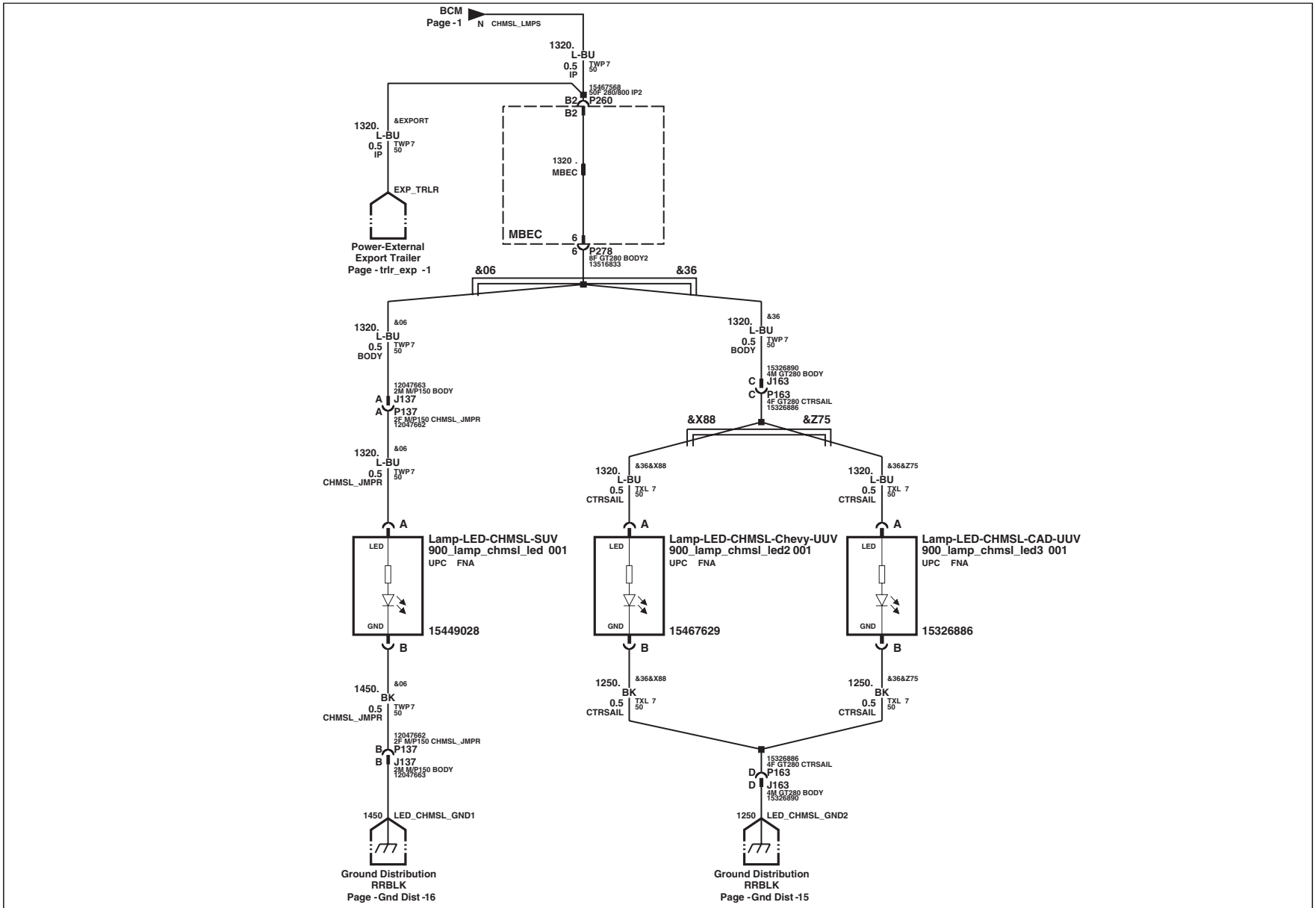


Lights - Exterior: Stop/Turn OBJECT ID 1_07_lgt_ext_stop REVISION 013 STAGE SSF VERSION 1 LAST CHANGED BY 2:45:22 pm Thursday, January 19, 2006 ORGANIZATION GMT900 USAGE

Preliminary 07 GMT900 Panel Set: 6 of 8 schematic sheet1 18 $IVEDWORK/1_07_lgt_ext_stop__013

GM Proprietary

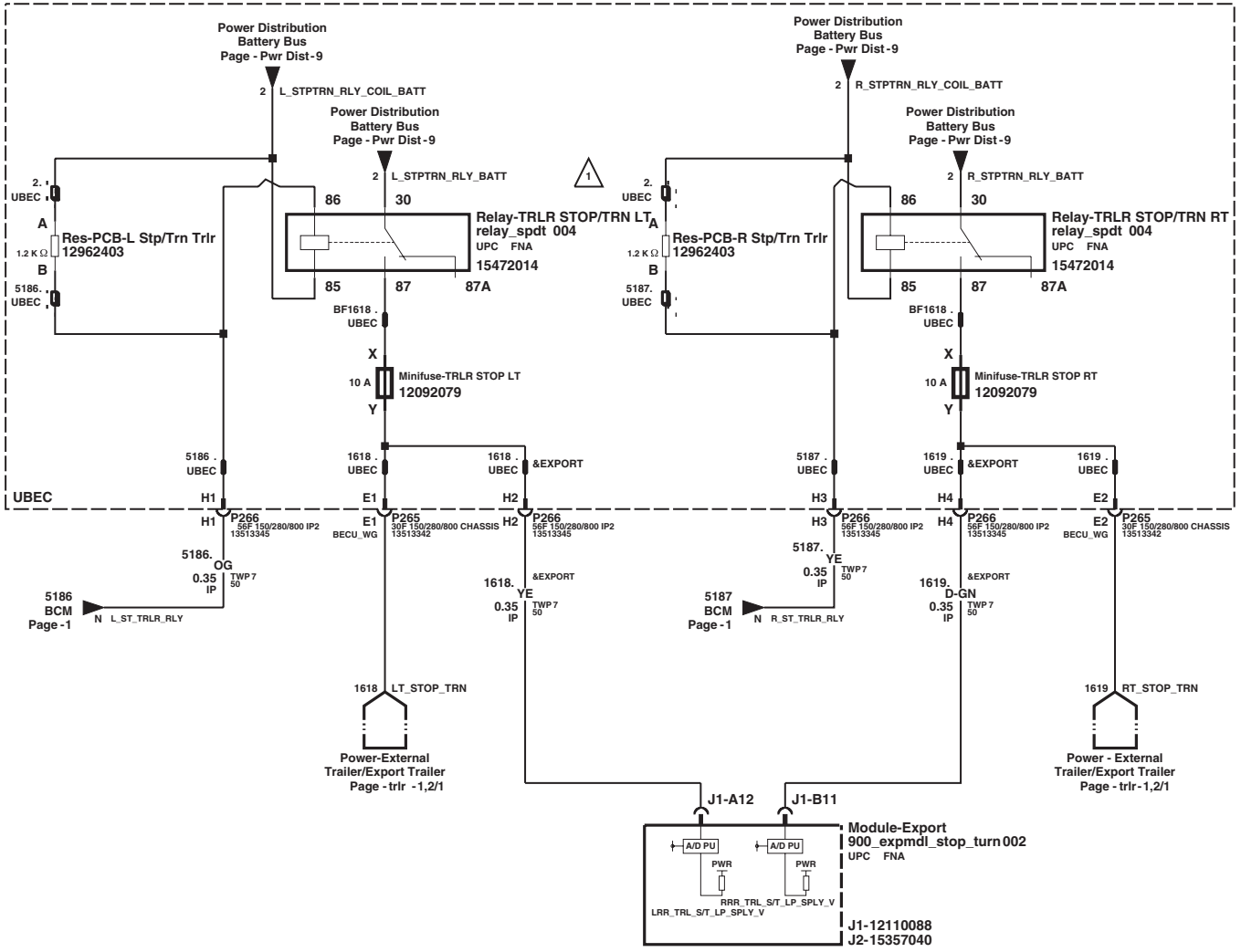
Lights – Exterior: Stop/Turn



Lights - Exterior: Stop/Turn OBJECT ID 1_07_lgt_ext_stop REVISION 013 STAGE SSF VERSION 1 LAST CHANGED BY 2:45:22 pm ORGANIZATION GMT900 USAGE **GM Proprietary**

Preliminary 07 GMT900 Panel Set: 7 of 8 schematic sheet1 18 $IVEDWORK/1_07_lgt_ext_stop__013 Thursday, January 19, 2006

Lights – Exterior: Stop/Turn

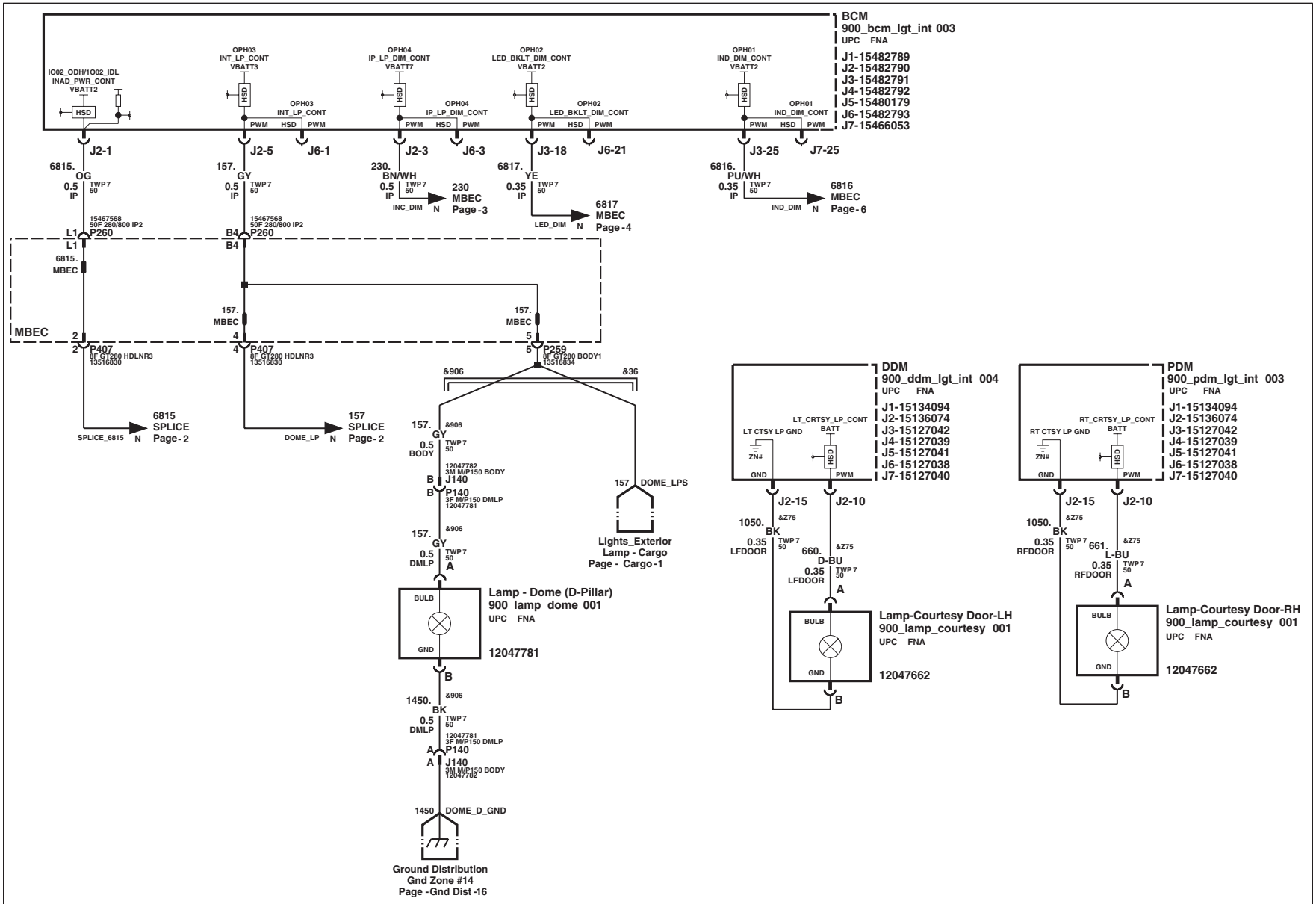


NOTES

• 1 — THE TRAILER STOP/TURN RELAYS SHOULD BE OUTSIDE THE PASSENGER COMPARTMENT
— TO AVOID THE SYNCHRONIZATION CONCERNS WITH THE TURN SIGNAL CLICK/CLACK SOUND

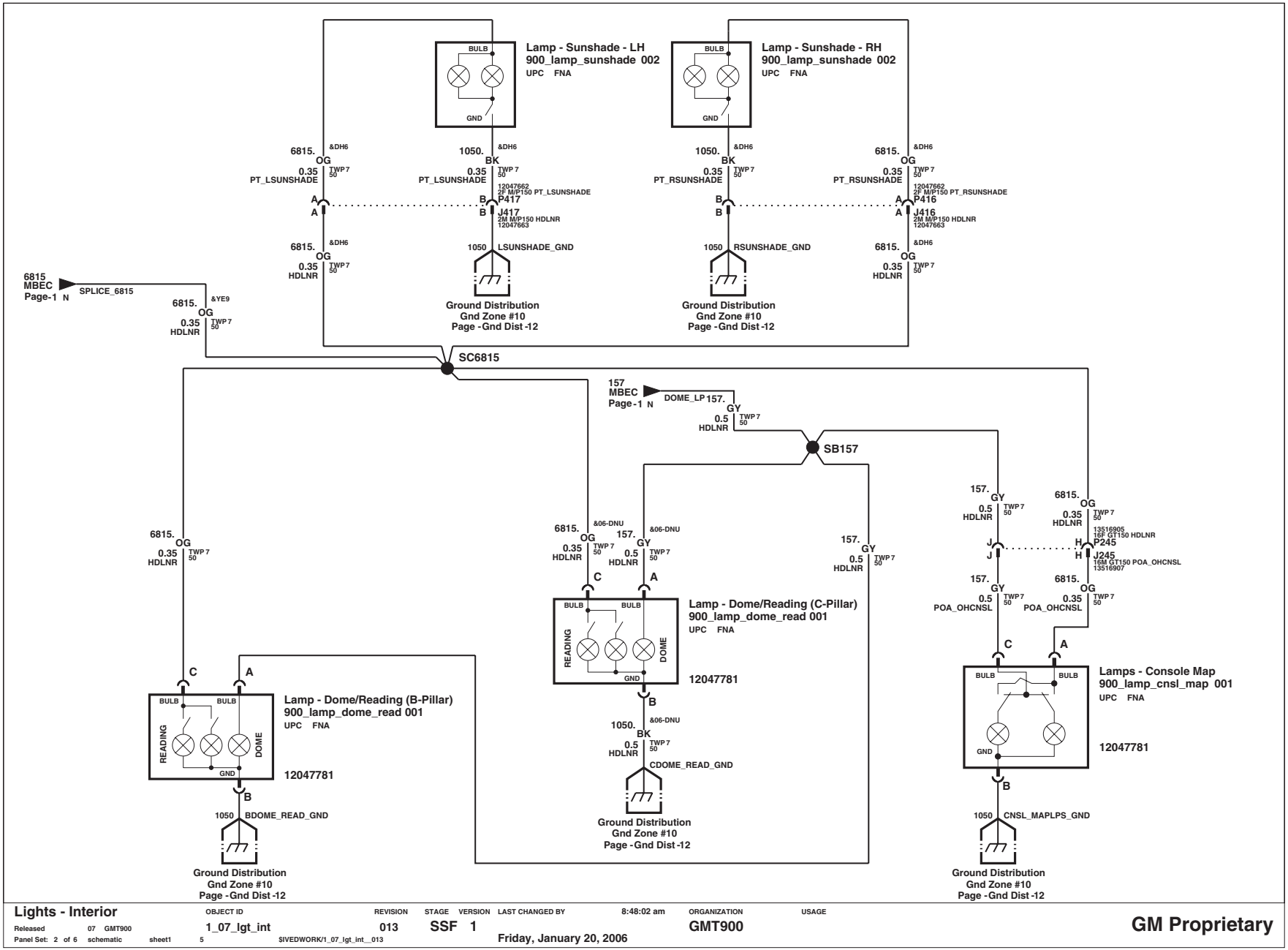
Lights - Exterior: Stop/Turn	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Preliminary 07 GMT900	1_07_lgt_ext_stop	013	SSF	1		2:45:22 pm	GMT900	GM Proprietary
Panel Set: 8 of 8 schematic sheet1 18	$IVEDWORK/1_07_lgt_ext_stop__013				Thursday, January 19, 2006			

Lights – Interior

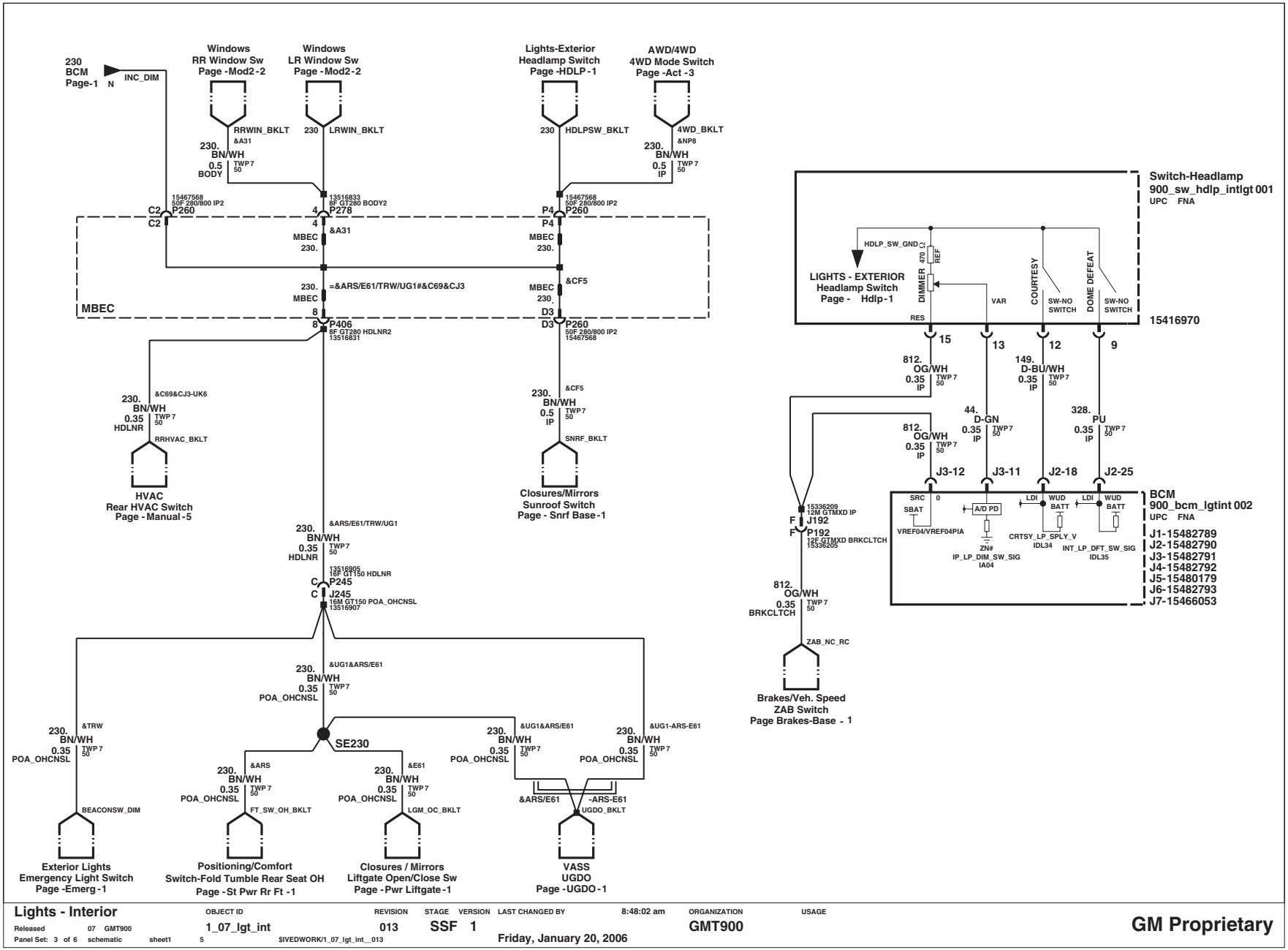


Lights - Interior	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	8:48:02 am	ORGANIZATION	USAGE
Released 07 GMT900	1_07_lgt_int	013	SSF	1			GMT900	GM Proprietary
Panel Set: 1 of 6 schematic sheet1 5	$IVEDWORK/1_07_lgt_int__013				Friday, January 20, 2006			

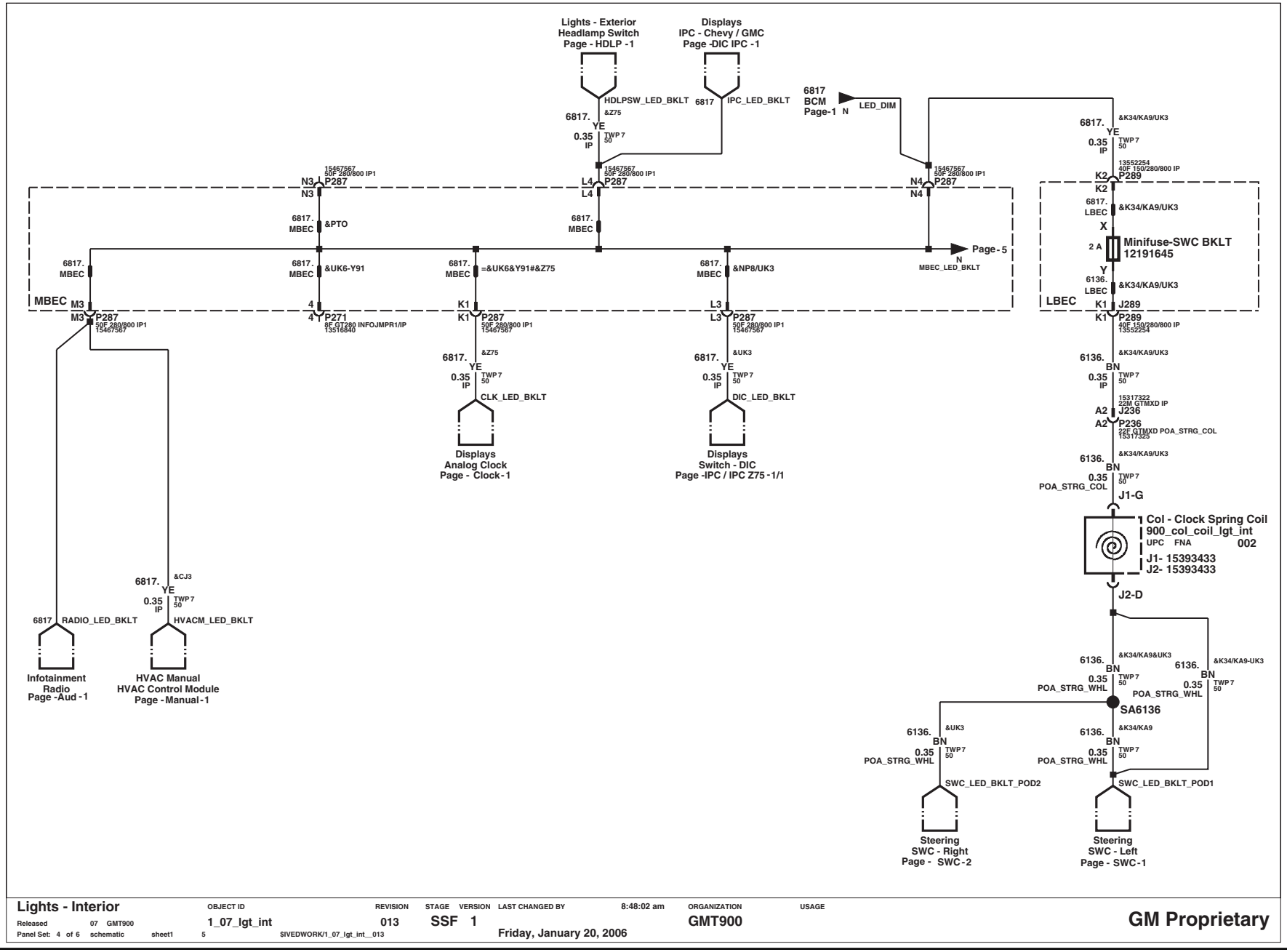
Lights – Interior


Lamp - Sunshade - LH
900_lamp_sunshade 002
UPC FNA
Lamp - Sunshade - RH
900_lamp_sunshade 002
UPC FNA
BULB
GND
6815. &DH6 OG 0.35 TWP 7 50 PT_LSUNSHADE
1050. &DH6 BK 0.35 TWP 7 50 PT_LSUNSHADE
12047662 2F M/P150 PT_LSUNSHADE
P417 J417 2M M/P150 HDLNR 12047663
1050. &DH6 BK 0.35 TWP 7 50 PT_RSUNSHADE
6815. &DH6 OG 0.35 TWP 7 50 PT_RSUNSHADE
12047662 2F M/P150 PT_RSUNSHADE
P416 J416 2M M/P150 HDLNR 12047663
6815. &DH6 OG 0.35 TWP 7 50 HDLNR
1050 LSUNSHADE_GND
1050 RSUNSHADE_GND
Ground Distribution Gnd Zone #10 Page -Gnd Dist -12
6815 MBEC Page-1 N SPLICE_6815
6815. &YE9 OG 0.35 TWP 7 50 HDLNR
SC6815
157 MBEC Page-1 N DOME_LP 157. GY 0.5 TWP 7 50 HDLNR
SB157
157. GY 0.5 TWP 7 50 HDLNR
6815. OG 0.35 TWP 7 50 HDLNR
6815. &06-DNU OG 0.35 TWP 7 50 HDLNR
157. &06-DNU GY 0.5 TWP 7 50 HDLNR
13516905 16F GT150 HDLNR
J245 16M GT150 POA_OHCNSL 13516907
157. GY 0.5 TWP 7 50 POA_OHCNSL
6815. OG 0.35 TWP 7 50 POA_OHCNSL
Lamp - Dome/Reading (B-Pillar)
900_lamp_dome_read 001
UPC FNA
READING
DOME
12047781
1050. &06-DNU BK 0.5 TWP 7 50 HDLNR
1050 BDOME_READ_GND
Lamp - Dome/Reading (C-Pillar)
900_lamp_dome_read 001
UPC FNA
12047781
CDOME_READ_GND
Lamps - Console Map
900_lamp_cnsl_map 001
UPC FNA
12047781
1050 CNSL_MAPLPS_GND
Ground Distribution Gnd Zone #10 Page -Gnd Dist -12
Lights - Interior
OBJECT ID 1_07_lgt_int
REVISION 013
STAGE SSF
VERSION 1
LAST CHANGED BY
8:48:02 am
ORGANIZATION GMT900
USAGE
Released 07 GMT900
Panel Set: 2 of 6 schematic sheet1 5
$IVEDWORK/1_07_lgt_int__013
Friday, January 20, 2006
GM Proprietary

Lights – Interior

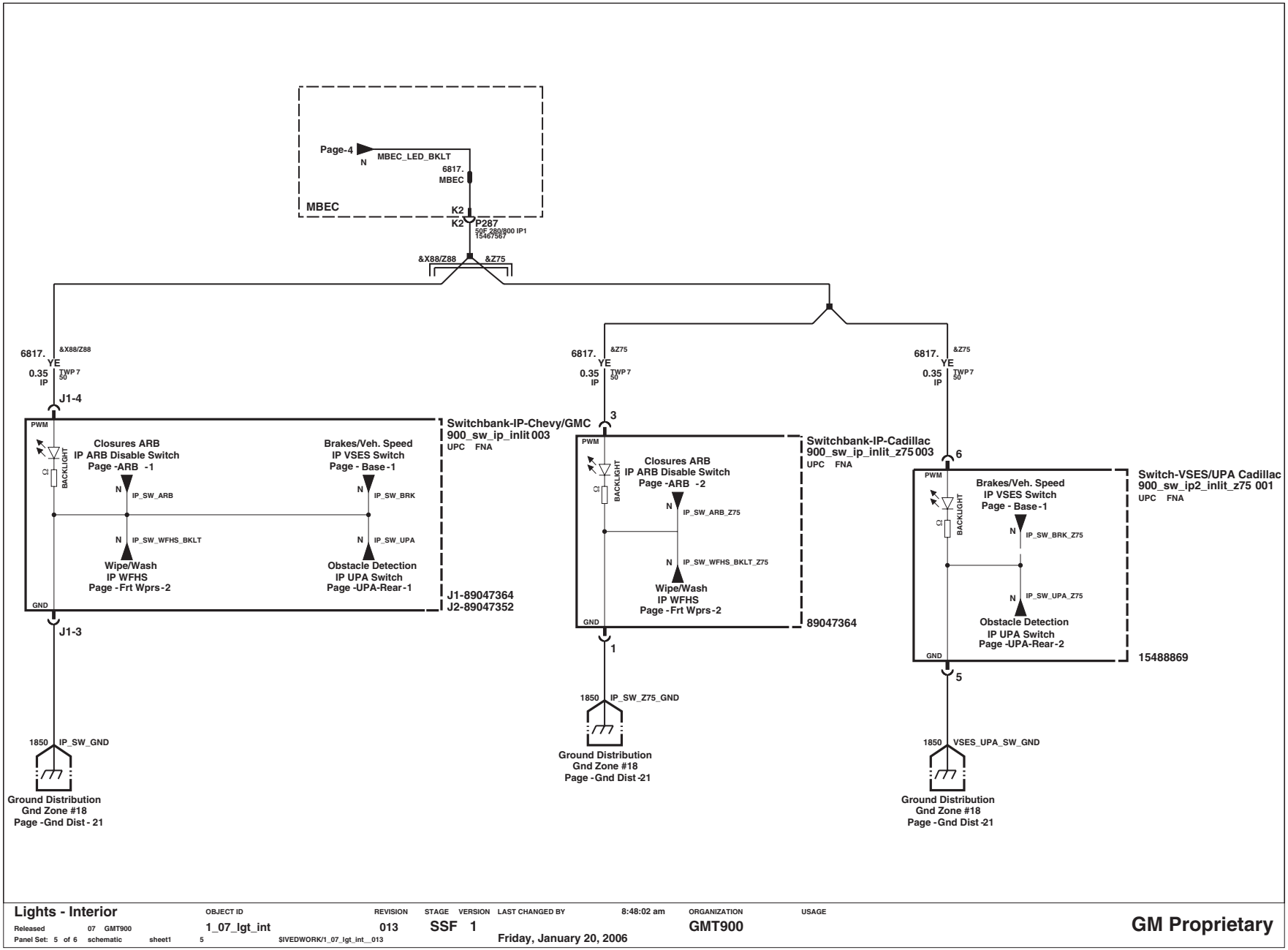


Lights – Interior



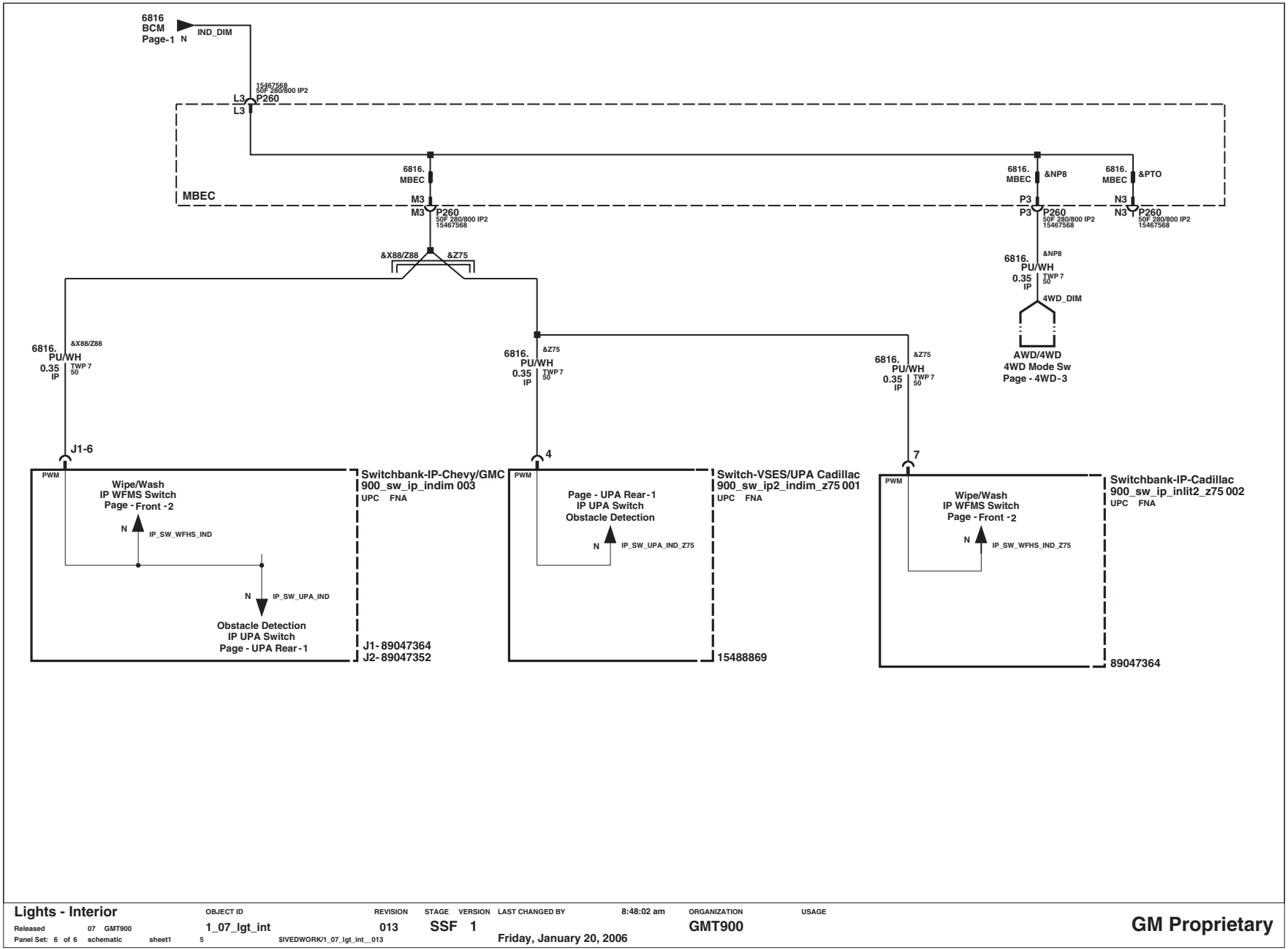
Lights - Interior	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Released 07 GMT900	1_07_lgt_int	013	SSF	1		8:48:02 am	GMT900	GM Proprietary
Panel Set: 4 of 6 schematic sheet1 5	$IVEDWORK/1_07_lgt_int__013				Friday, January 20, 2006			

Lights – Interior

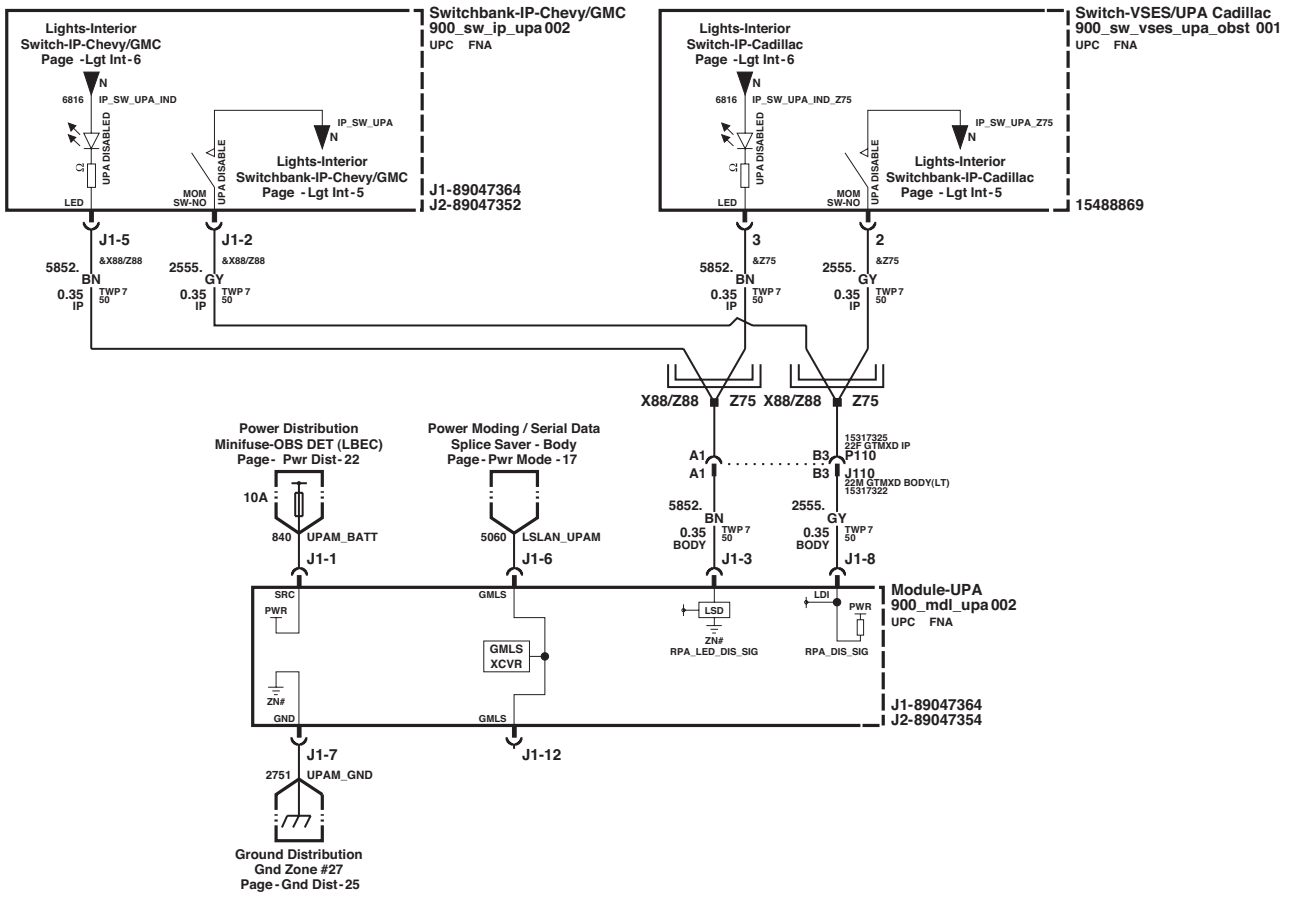


Lights - Interior	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	8:48:02 am	ORGANIZATION	USAGE
Released 07 GMT900	1_07_lgt_int	013	SSF	1			GMT900	GM Proprietary
Panel Set: 5 of 6 schematic sheet1 5	$IVEDWORK/1_07_lgt_int__013				Friday, January 20, 2006			

Lights – Interior



Obstacle Detection: Ultrasonic Park Assist – Rear

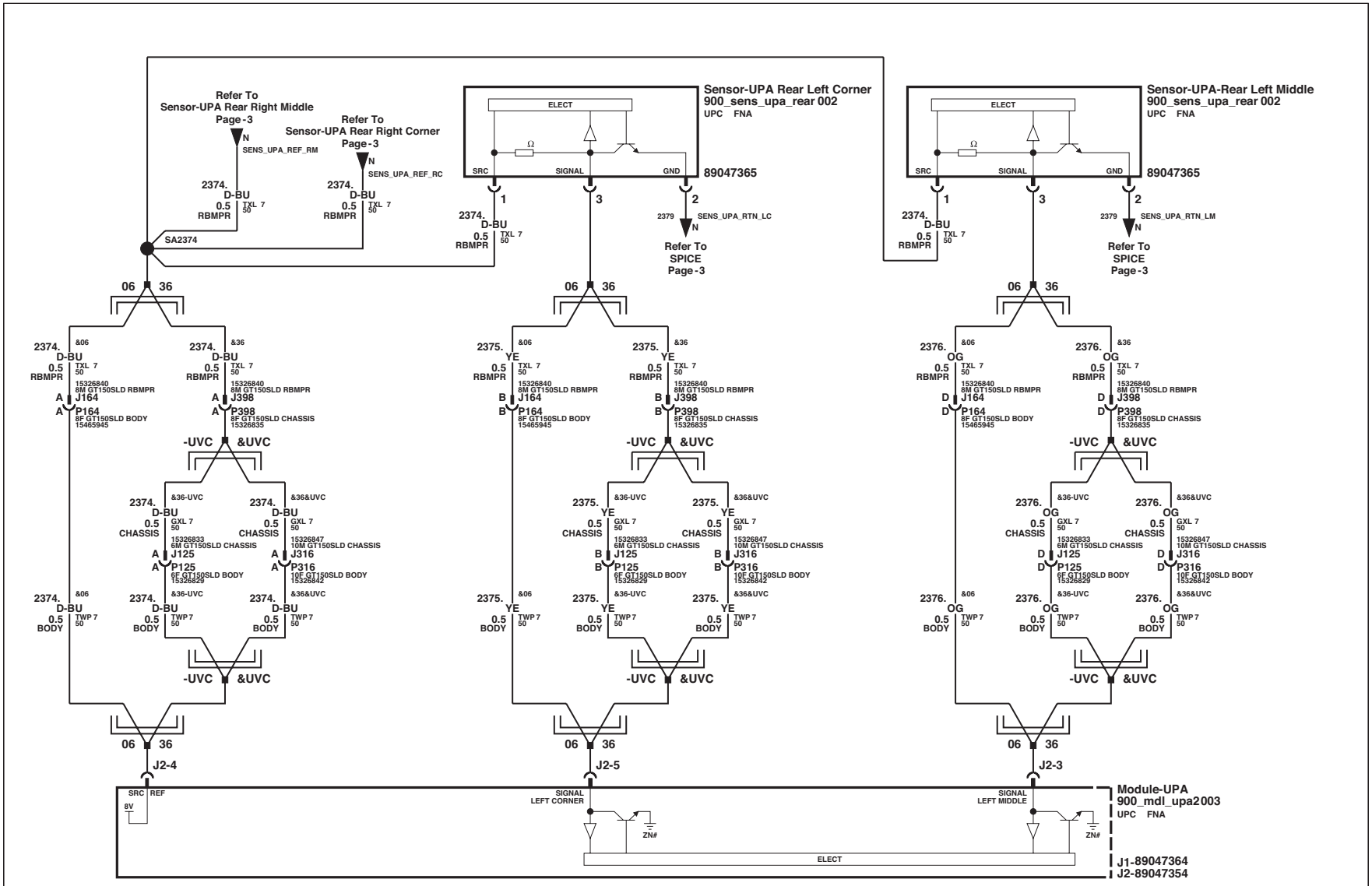


• **REAR UPA STANDARD ON CADILLAC & OPTIONAL CHEVY/GMC**

Obstacle Detection: Ultrasonic Park Assist - Rear	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Released 07 GMT900 1_07_obst_rr	013	SSF	1		7:10:49 am	GMT900	&UD7
Panel Set: 1 of 4 schematic sheet1 1 $IVEDWORK/1_07_obst_rr__013					Tuesday, September 6, 2005		

GM Proprietary

Obstacle Detection: Ultrasonic Park Assist – Rear

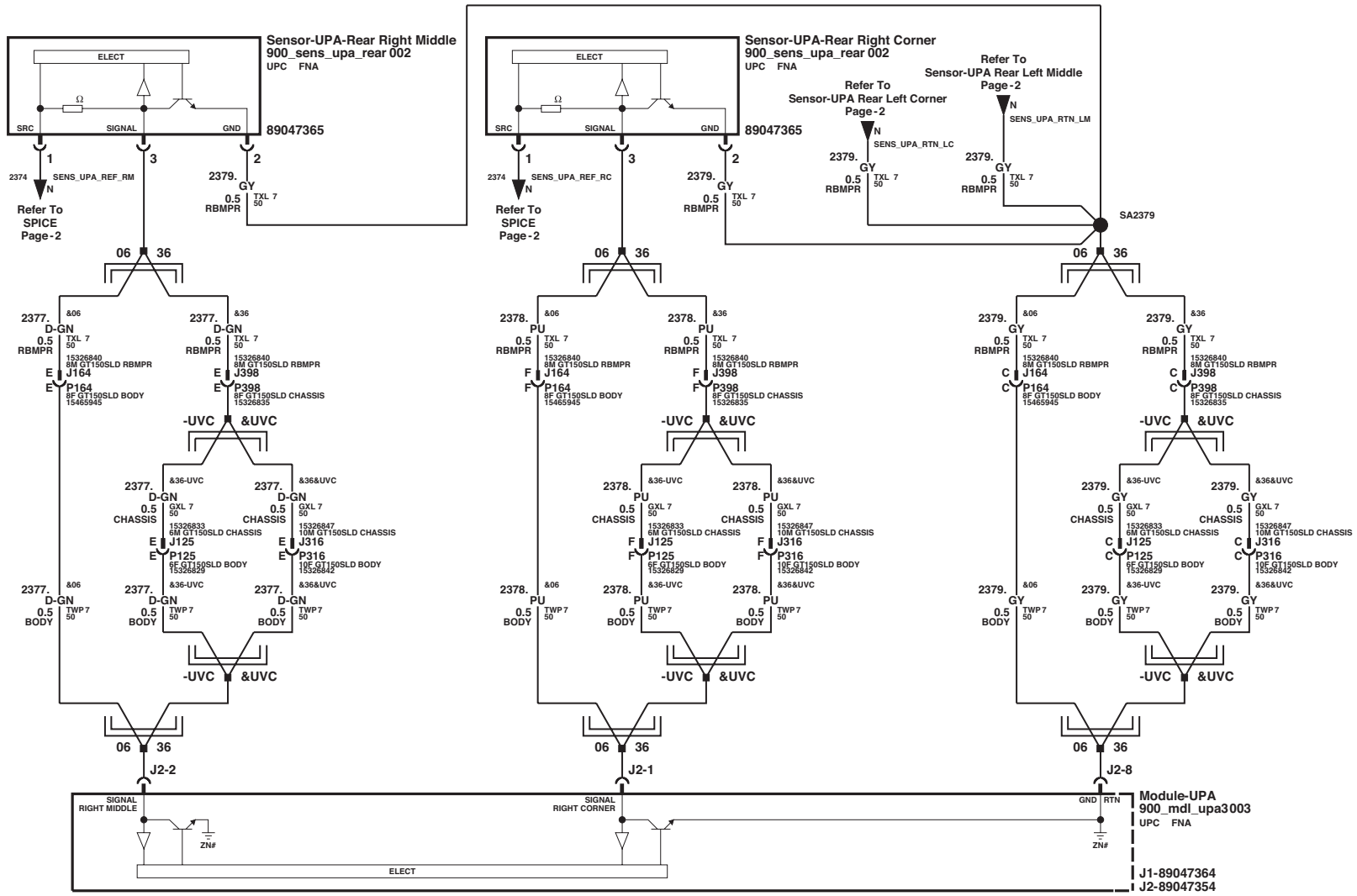


• **REAR UPA STANDARD ON CADILLAC & OPTIONAL CHEVY/GMC**

Obstacle Detection: Ultrasonic Park Assist - Rear	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Released 07 GMT900	1_07_obst_rr	013	SSF	1	7:10:49 am	GMT900	&UD7
Panel Set: 2 of 4 schematic sheet1 1	$IVEDWORK/1_07_obst_rr__013				Tuesday, September 6, 2005		

GM Proprietary

Obstacle Detection: Ultrasonic Park Assist – Rear

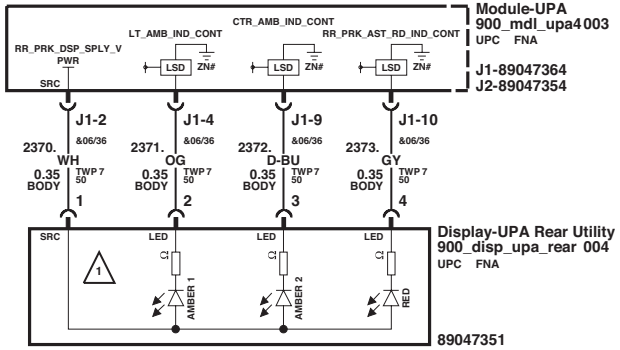


• **REAR UPA STANDARD ON CADILLAC & OPTIONAL CHEVY/GMC**

Obstacle Detection: Ultrasonic Park Assist - Rear	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Released 07 GMT900 1_07_obst_rr	013	SSF	1		7:10:49 am	GMT900	&UD7
Panel Set: 3 of 4 schematic sheet1 1 $IVEDWORK/1_07_obst_rr__013					Tuesday, September 6, 2005		

GM Proprietary

Obstacle Detection: Ultrasonic Park Assist – Rear



NOTES

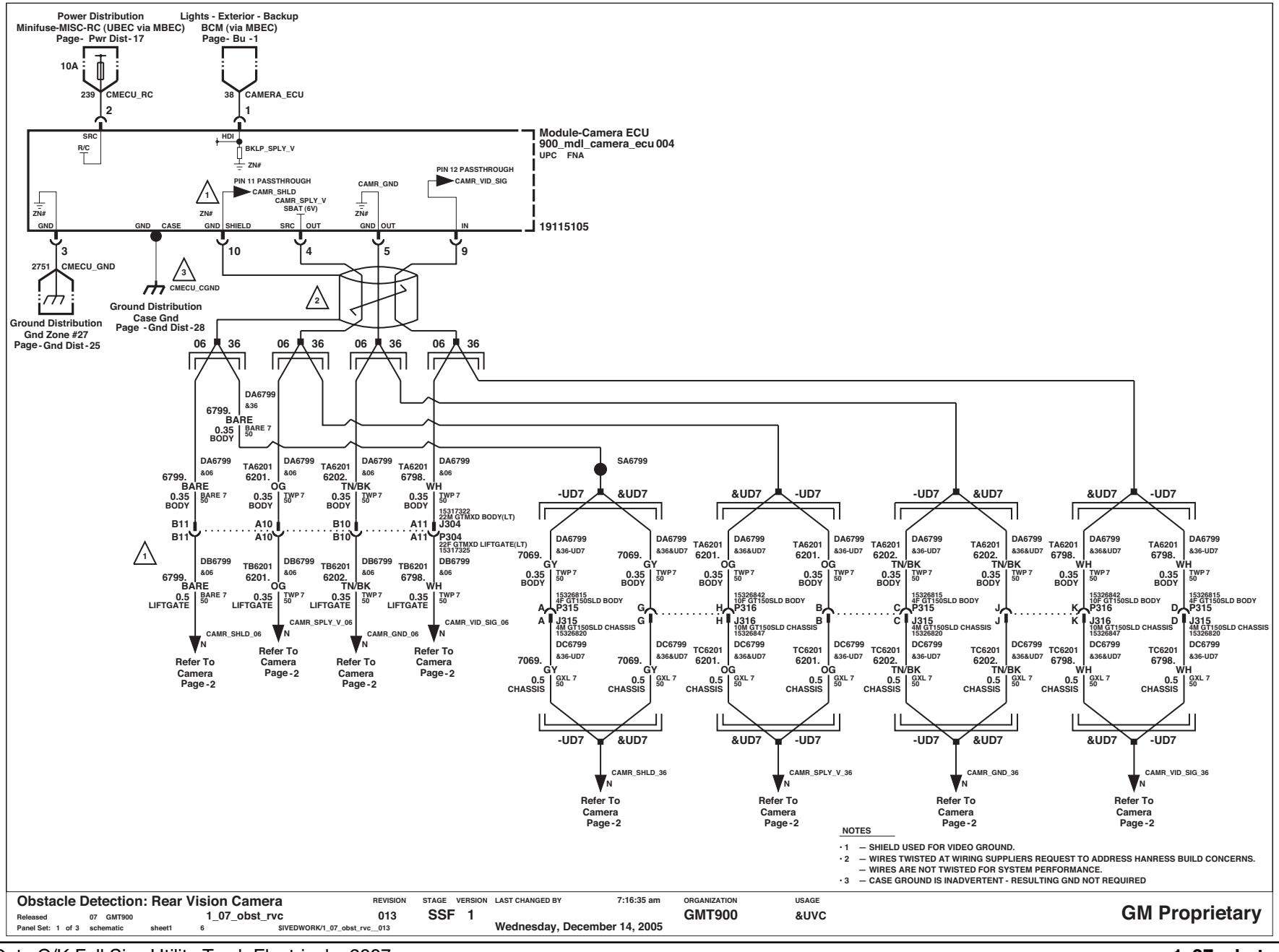
• 1 — UPA REAR DISPLAY INDICATORS ARE NOT DIMMABLE.

• REAR UPA STANDARD ON CADILLAC & OPTIONAL CHEVY/GMC

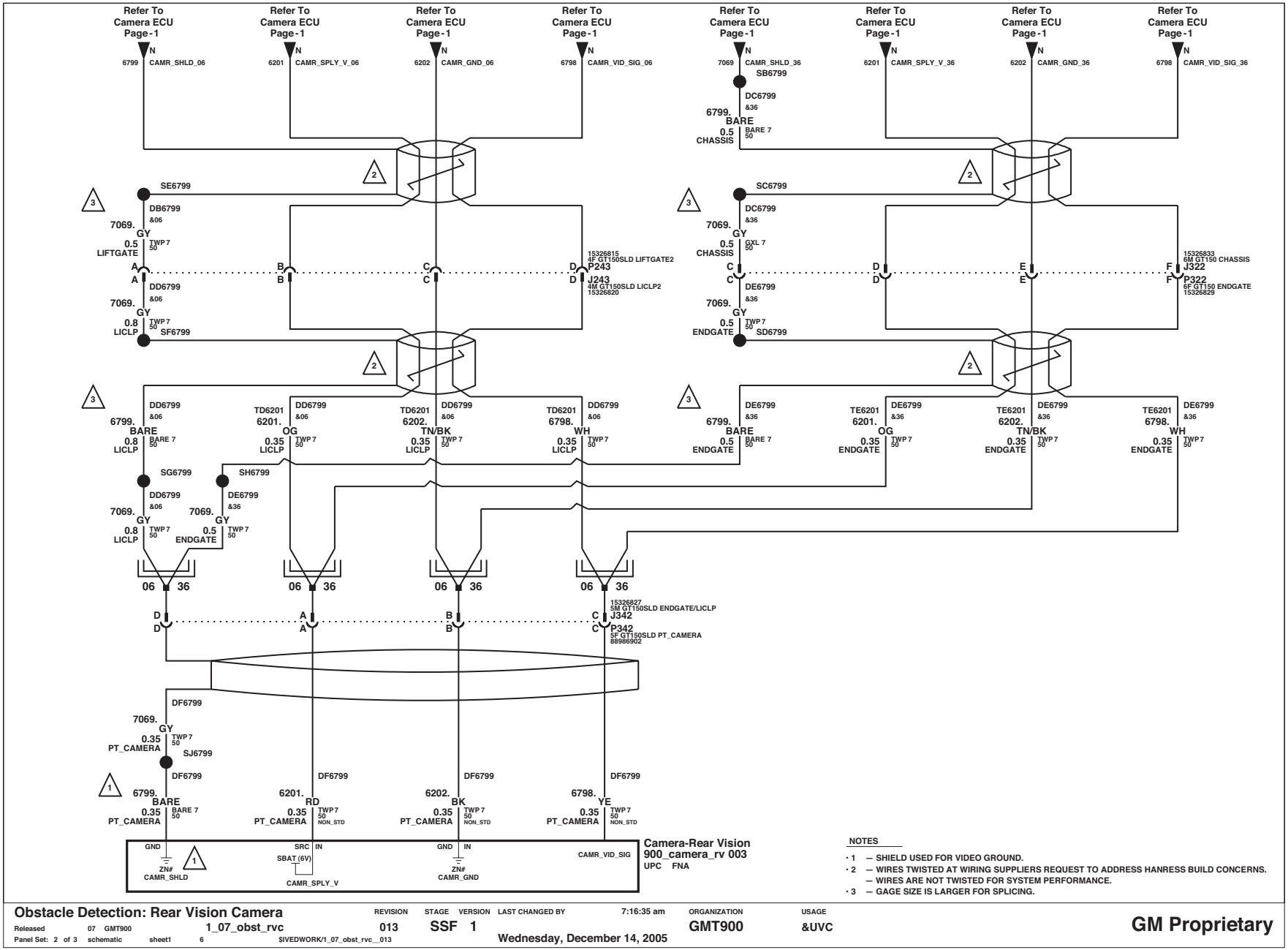
Obstacle Detection: Ultrasonic Park Assist - Rear	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Released 07 GMT900 1_07_obst_rr	013	SSF	1		7:10:49 am	GMT900	&UD7
Panel Set: 4 of 4 schematic sheet1 1 $IVEDWORK/1_07_obst_rr__013					Tuesday, September 6, 2005		

GM Proprietary

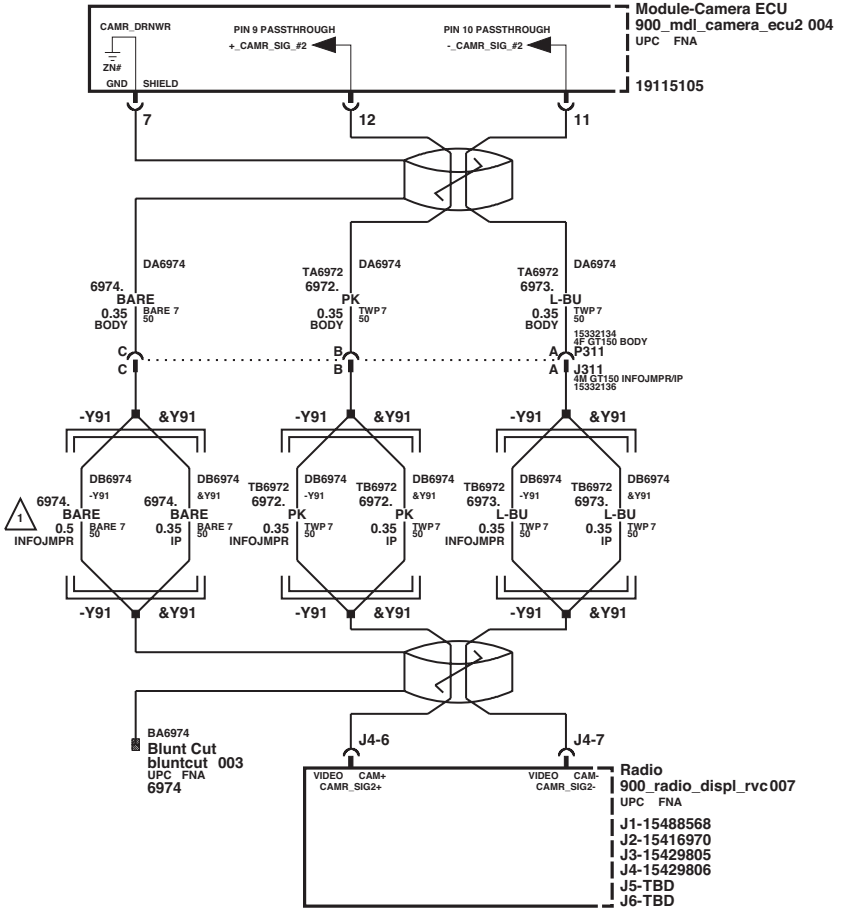
Obstacle Detection: Rear Vision Camera



Obstacle Detection: Rear Vision Camera



Obstacle Detection: Rear Vision Camera



NOTES

· 1 — GAGE SIZE LARGER FOR DURABILITY.

Obstacle Detection: Rear Vision Camera

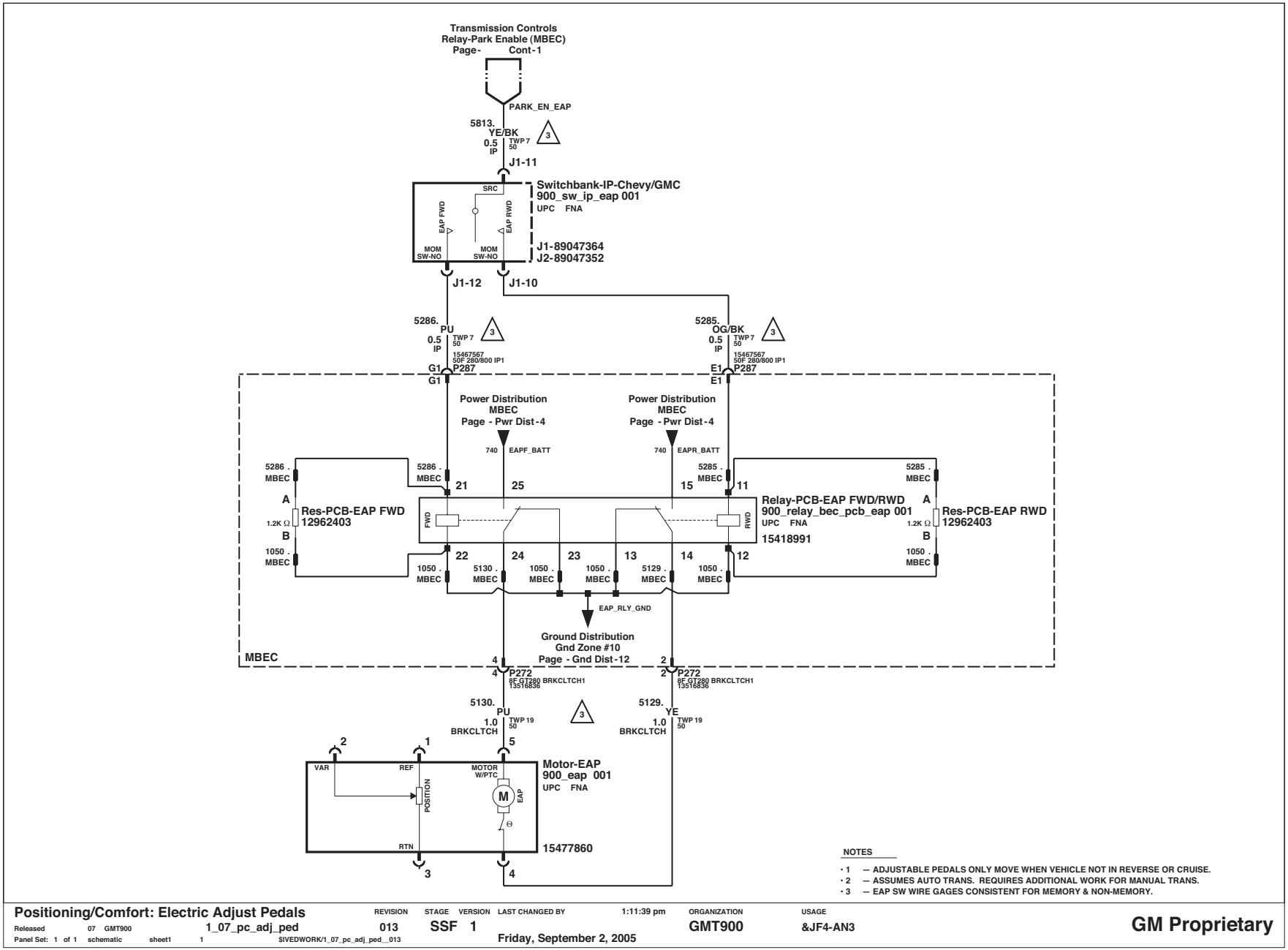
REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Released 07 GMT900		1_07_obst_rvc	013	SSF 1	7:16:35 am	GMT900	&UVC

Panel Set: 3 of 3 schematic sheet1 6 $IVEDWORK/1_07_obst_rvc__013

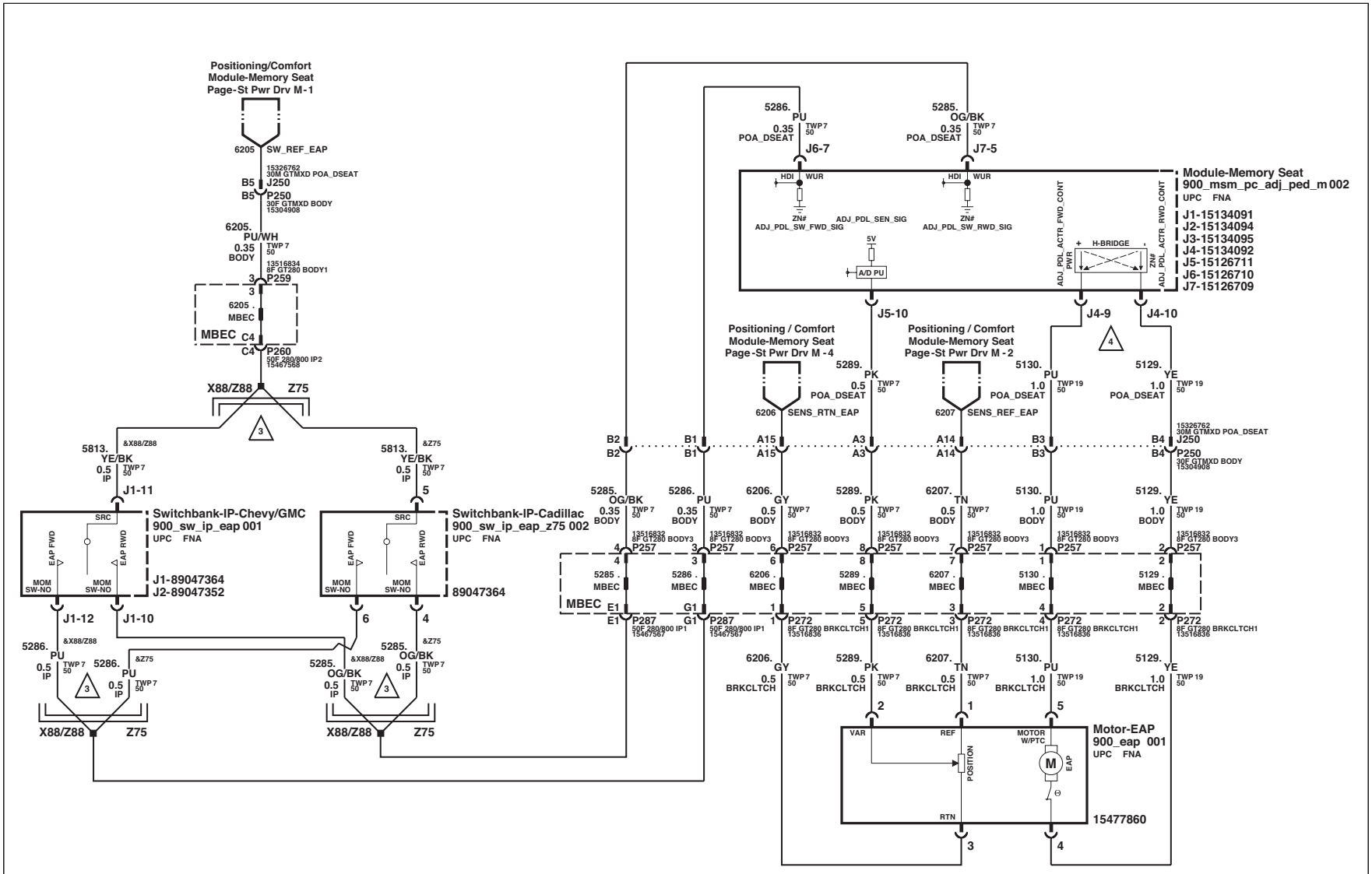
Wednesday, December 14, 2005

GM Proprietary

Positioning/Comfort: Electric Adjust Pedals



Positioning/Comfort: Electric Adjust Pedals w/Memory



NOTES

- 1 — ADJUSTABLE PEDALS ONLY MOVE WHEN VEHICLE NOT IN REVERSE OR CRUISE.
- 2 — ASSUMES AUTO TRANS. REQUIRES ADDITIONAL WORK FOR MANUAL TRANS.
- 3 — EAP SW WIRE GAGES CONSISTENT FOR MEMORY & NON-MEMORY.
- 4 — THIS CIRCUIT MAY NOT BE PROTECTED AGAINST A SHORT TO GROUND BY THE UPSTREAM — MODULE. USE CARE WHEN SELECTING THE WIRE GAGE.

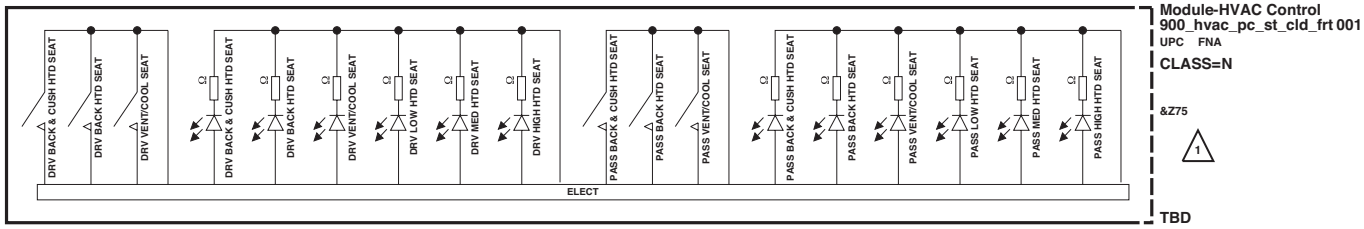
Positioning/Comfort: Electric Adjust Pedals w/Memory

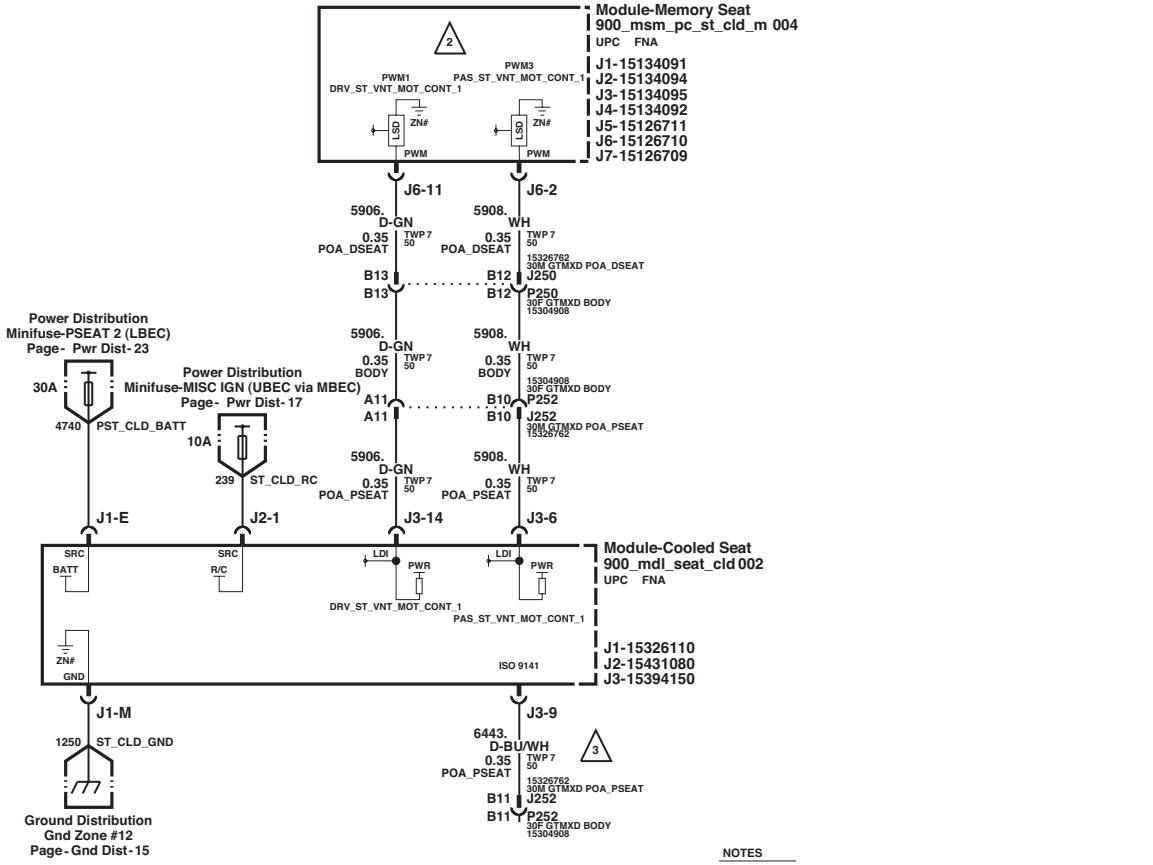
Released	07 GMT900	1_07_pc_adj_ped_m	013	STAGE SSF	VERSION 1	LAST CHANGED BY	1:11:50 pm	ORGANIZATION GMT900	USAGE &JF4&AN3

Panel Set: 1 of 1 schematic sheet1 1 $IVEDWORK/1_07_pc_adj_ped_m_.013 Friday, September 2, 2005

GM Proprietary

Positioning/Comfort: Cooled/Heated Seats – Front w/Memory





NOTES

- 1 — REAR COOLED SEATS ARE NOT SUPPORTED.
- 2 — FRONT HEATED SEAT SWITCHES ARE IN HVAC CONTROL MODULE.
- 3 — NO VEHICLE HARNESS. USED FOR DIAGNOSTICS.

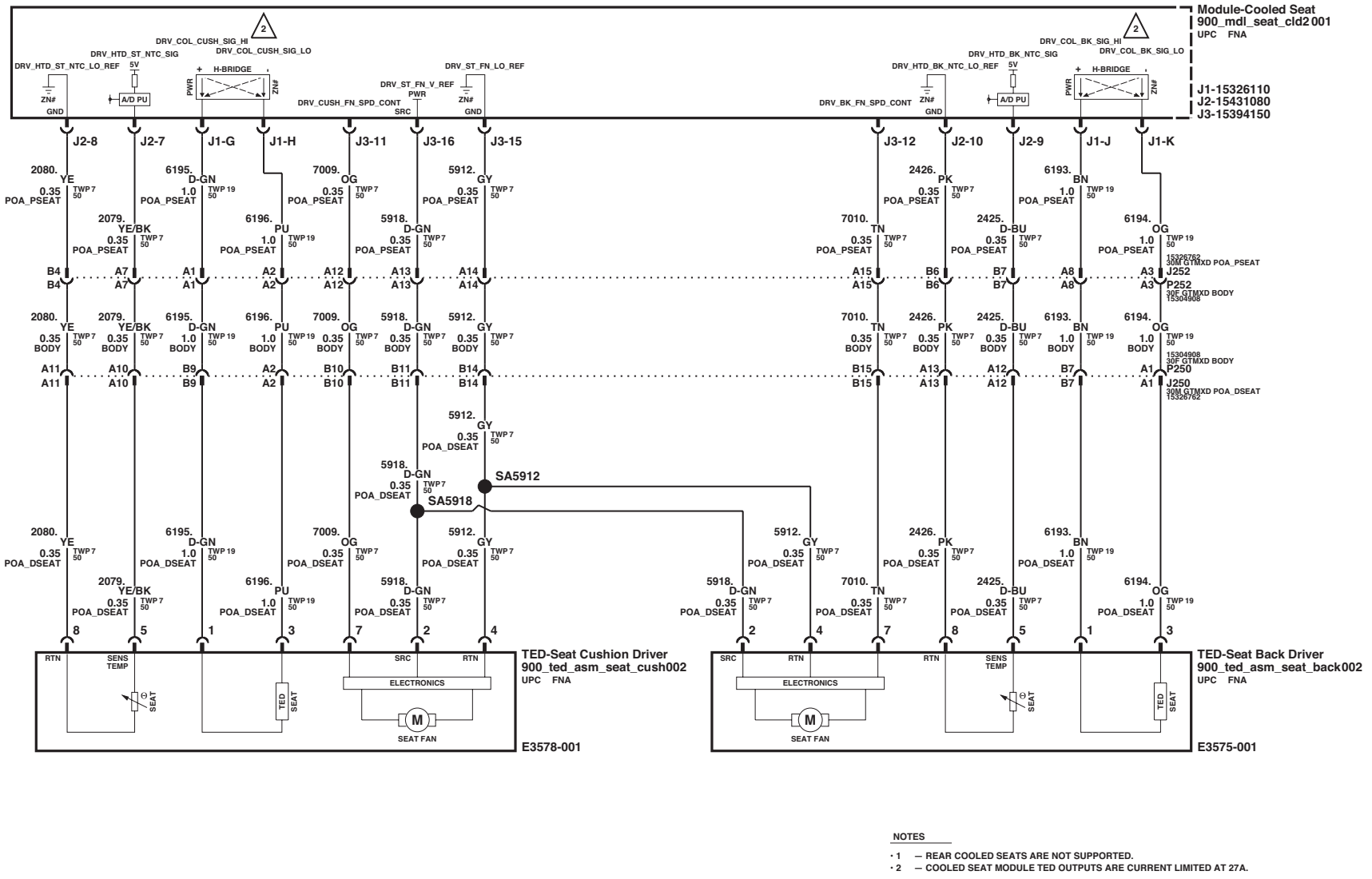
Positioning/Comfort: Cooled/Heated Seats - Front w/Memory

Released 07 GMT900 1_07_pc_st_cld_frt_m 013 SSF 1 VERSION 1 LAST CHANGED BY Thursday, September 22, 2005 3:49:17 pm ORGANIZATION GMT900 USAGE &AN3&KB6

Panel Set: 1 of 3 schematic sheet1 4 $IVEDWORK/1_07_pc_st_cld_frt_m__013

GM Proprietary

Positioning/Comfort: Cooled/Heated Seats – Front w/Memory



NOTES

- 1 — REAR COOLED SEATS ARE NOT SUPPORTED.
- 2 — COOLED SEAT MODULE TED OUTPUTS ARE CURRENT LIMITED AT 27A.

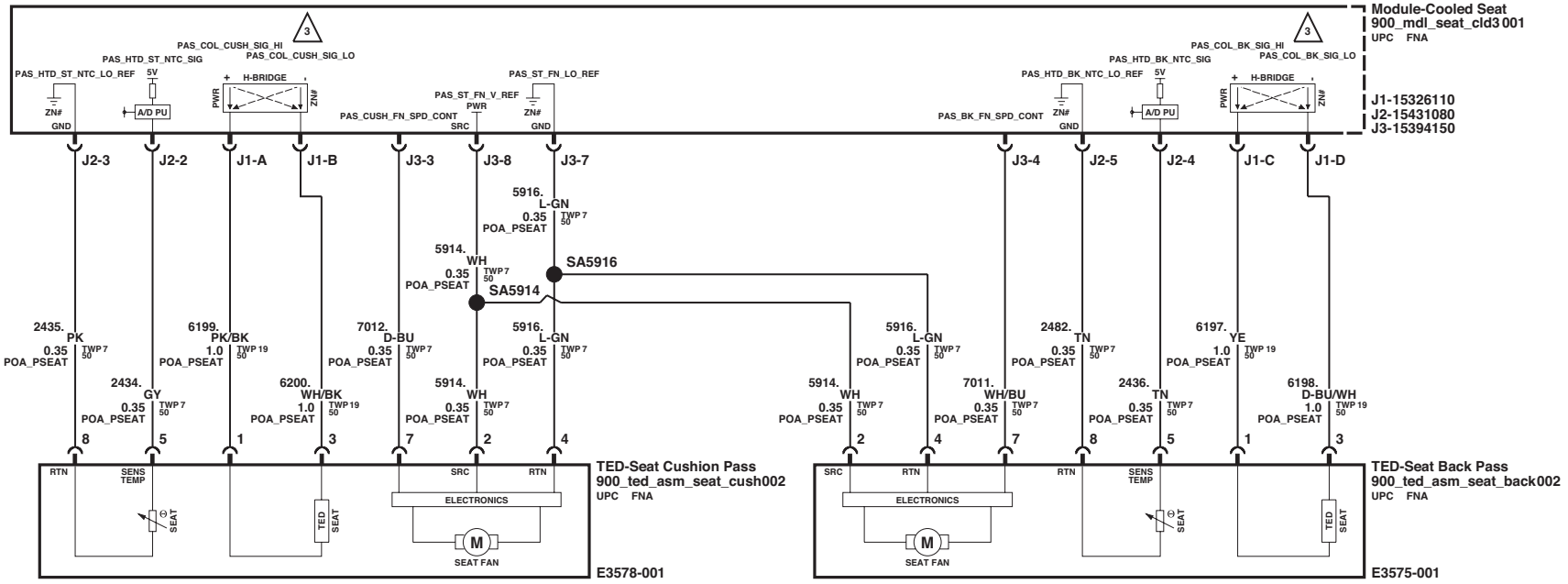
Positioning/Comfort: Cooled/Heated Seats - Front w/Memory

Released 07 GMT900 1_07_pc_st_cld_frt_m 013 | Panel Set: 2 of 3 schematic sheet1 4 $IVEDWORK/1_07_pc_st_cld_frt_m__013

VERSION SSF 1 | LAST CHANGED BY | 3:49:17 pm Thursday, September 22, 2005 | ORGANIZATION GMT900 | USAGE &AN3&KB6

GM Proprietary

Positioning/Comfort: Cooled/Heated Seats – Front w/Memory



NOTES

- 1 — REAR COOLED SEATS ARE NOT SUPPORTED.
- 2 — SAME OUTPUTS AS SEAT VENT.
- 3 — COOLED SEAT MODULE TED OUTPUTS ARE CURRENT LIMITED AT 27A.

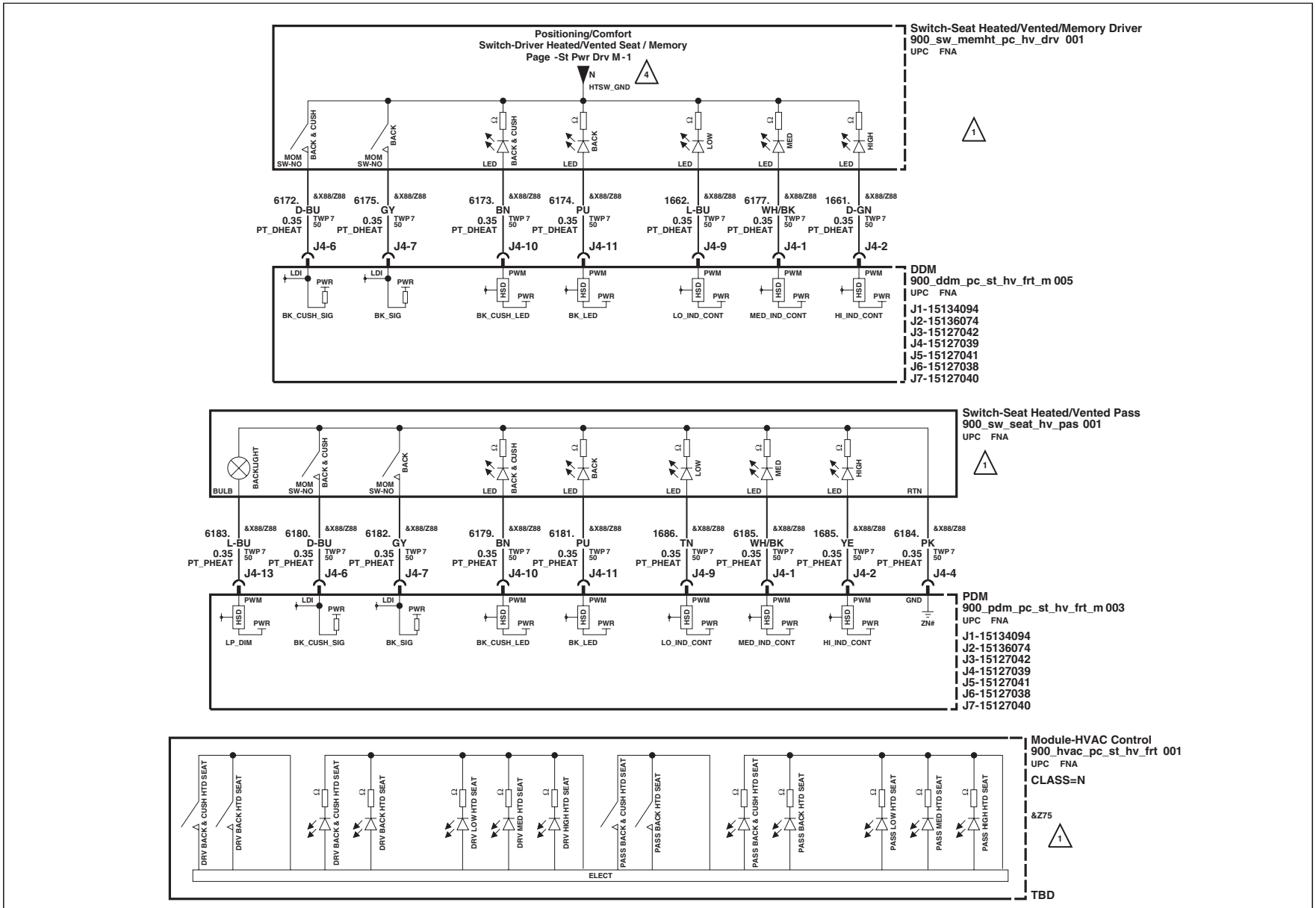
Positioning/Comfort: Cooled/Heated Seats - Front w/Memory

Released 07 GMT900 1_07_pc_st_cld_frt_m 013 | Panel Set: 3 of 3 schematic sheet1 4 $IVEDWORK/1_07_pc_st_cld_frt_m__013

VERSION SSF 1 | LAST CHANGED BY | 3:49:17 pm Thursday, September 22, 2005 | ORGANIZATION GMT900 | USAGE &AN3&KB6

GM Proprietary

Positioning/Comfort: Heated Seats – Front w/Memory

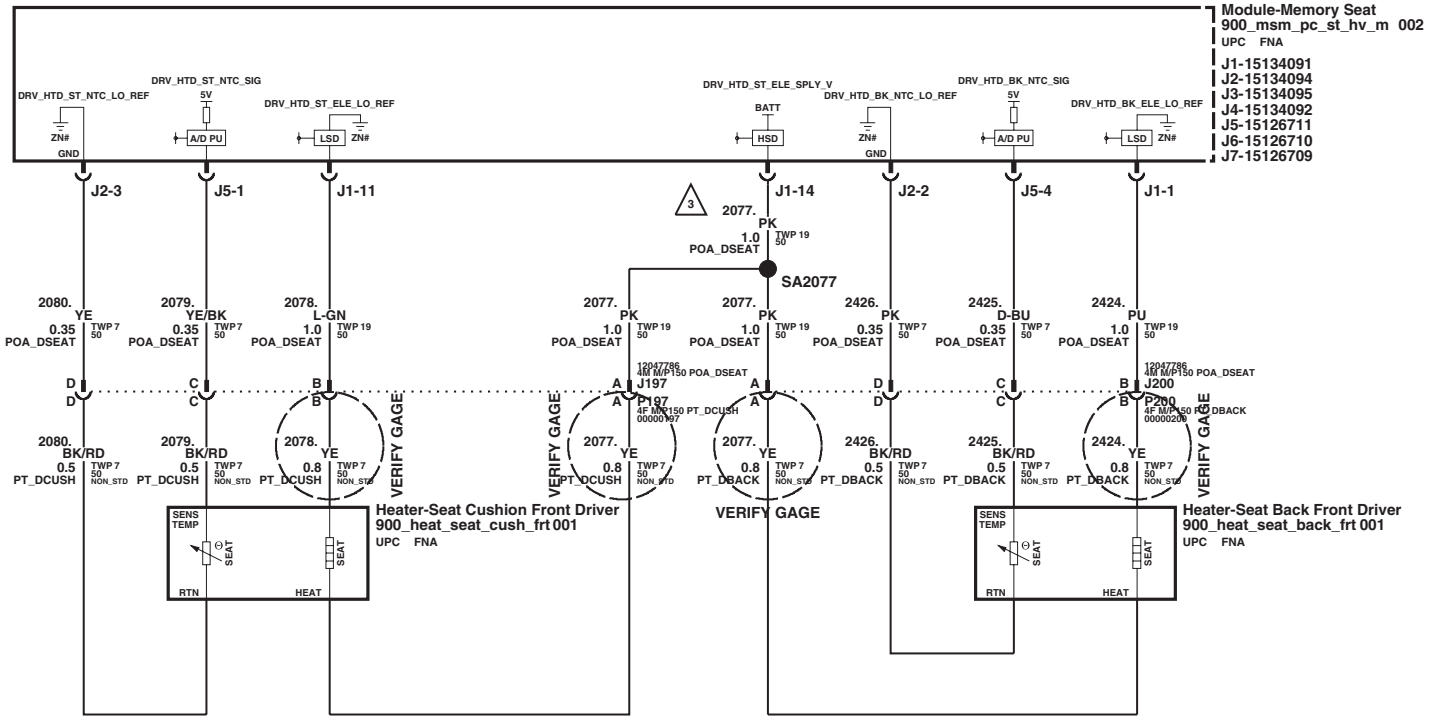


Positioning/Comfort: Heated Seats - Front w/Memory

REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Released 07 GMT900		1_07_pc_st_hv_frt_m	013	SSF 1	GMT900	&AN3-KB6
Panel Set: 1 of 3 schematic sheet1 4		$IVEDWORK/1_07_pc_st_hv_frt_m__013		Tuesday, January 3, 2006		

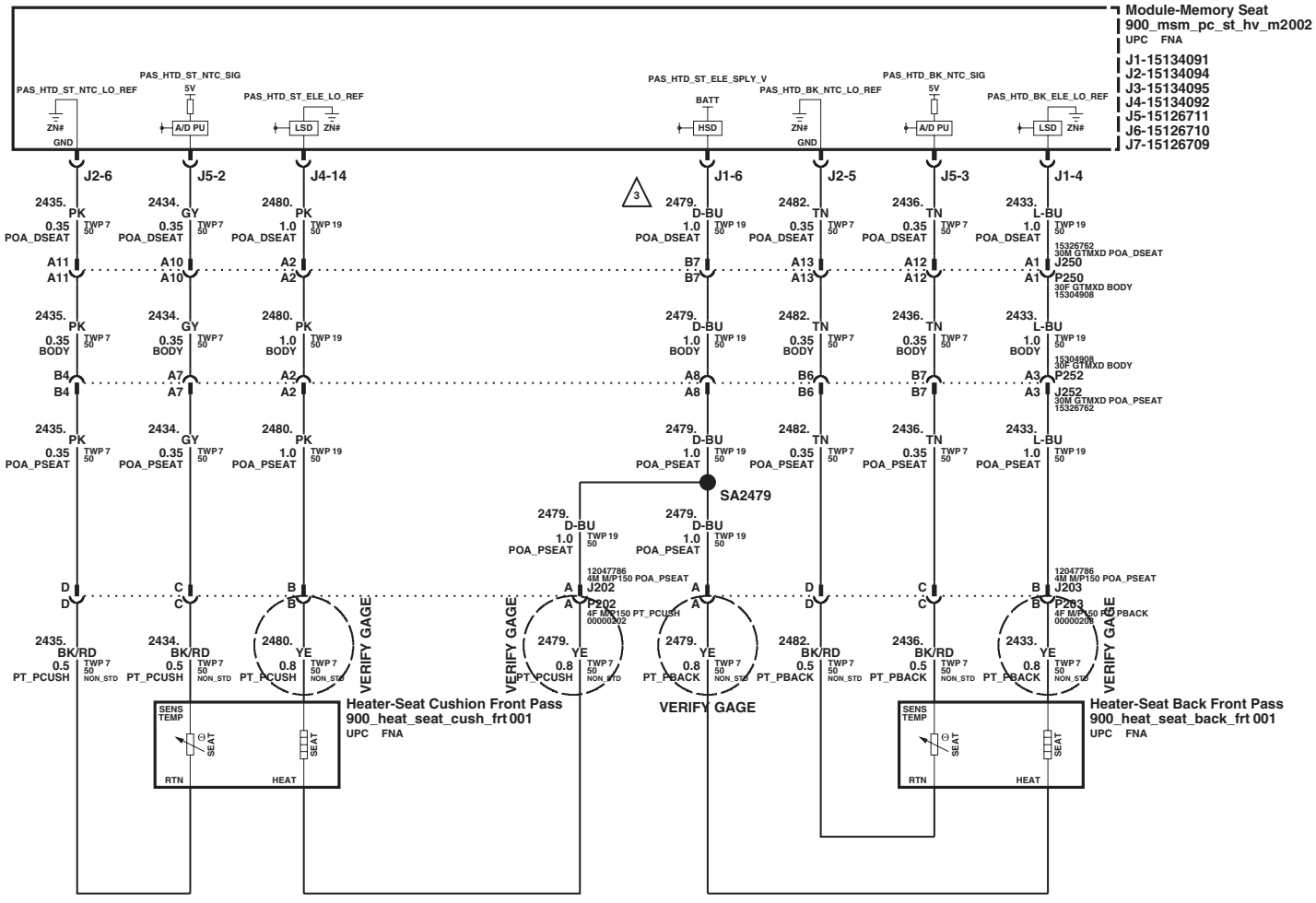
GM Proprietary

Positioning/Comfort: Heated Seats – Front w/Memory



Positioning/Comfort: Heated Seats - Front w/Memory	REVISION	STAGE	VERSION	LAST CHANGED BY	9:45:43 am	ORGANIZATION	USAGE	
Released 07 GMT900	1_07_pc_st_hv_frt_m	013	SSF	1		GMT900	&AN3-KB6	**GM Proprietary**
Panel Set: 2 of 3 schematic sheet1 4	$IVEDWORK/1_07_pc_st_hv_frt_m__013				Tuesday, January 3, 2006			

Positioning/Comfort: Heated Seats – Front w/Memory



NOTES

- 1 — HEATED SEAT SWITCHES FOR CHEVY/GMC SHALL BE LOCATED ON FRONT DOORS WIRED TO — DOOR MODULES (GMLAN COMMUNICATIONS FOR SWITCH STATUS). HEATED SEAT SWITCHES — FOR CADILLAC SHALL BE IN HVAC CONTROLLER.
- 2 — UP TO 3 MODES & 3 LEVELS SUPPORTED.
- 3 — THIS CIRCUIT MAY NOT BE PROTECTED AGAINST A SHORT TO GROUND BY THE UPSTREAM — MODULE. USE CARE WHEN SELECTING THE WIRE GAGE.
- 4 — SEE MEMORY DRIVER SEAT FOR BACKLIGHTING BULB.

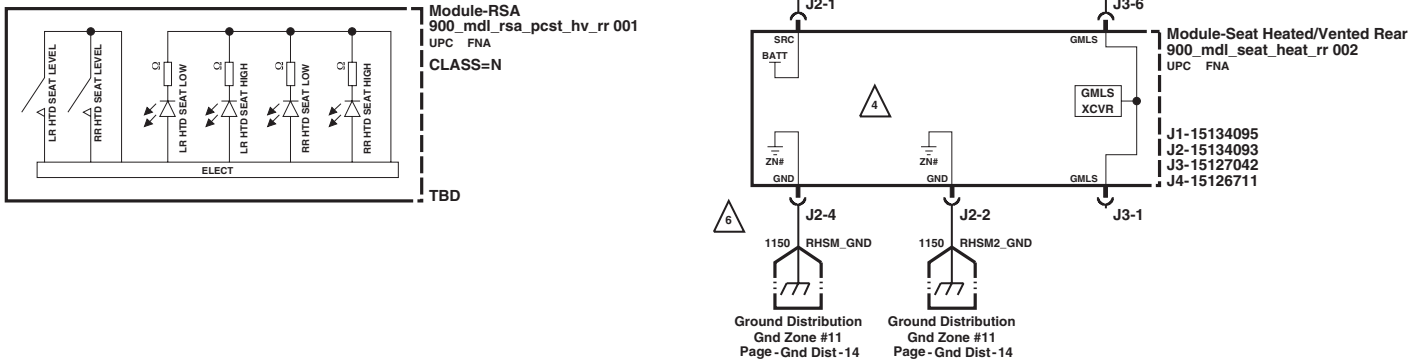
Positioning/Comfort: Heated Seats - Front w/Memory REVISION STAGE VERSION LAST CHANGED BY 9:45:43 am ORGANIZATION USAGE

Released 07 GMT900 1_07_pc_st_hv_frt_m 013 SSF 1 GMT900 &AN3-KB6

Panel Set: 3 of 3 schematic sheet1 4 $IVEDWORK/1_07_pc_st_hv_frt_m__013 Tuesday, January 3, 2006

GM Proprietary

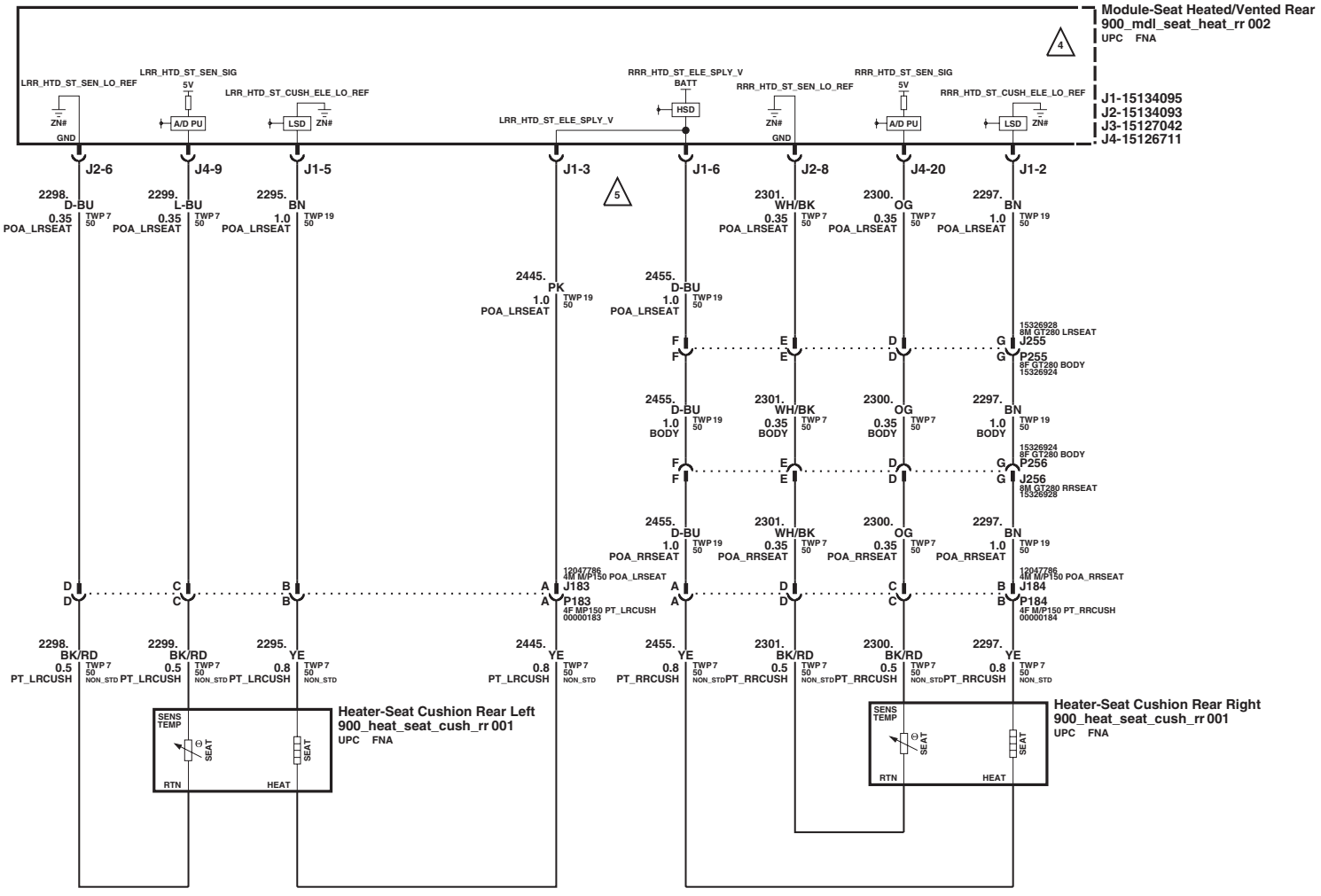
Positioning/Comfort: Heated Seats – Rear



Positioning/Comfort: Heated Seats - Rear	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Released 07 GMT900 1_07_pc_st_hv_rr	013	SSF	1		8:48:35 am	GMT900	&KA6
Panel Set: 1 of 2 schematic sheet1 4 $IVEDWORK/1_07_pc_st_hv_rr__013					Monday, September 12, 2005		

GM Proprietary

Positioning/Comfort: Heated Seats – Rear



NOTES

- 1 — NO HEATED SEAT SWITCHES ON REAR DOORS.
- 2 — HEATED SEAT SWITCHES WILL BE LOCATED ON REAR HVAC HEAD OR REAR CONSOLE & — WILL BE HARDWIRED TO THE MODULE.
- 3 — MAX CONTENT OF SINGLE MODE DUAL TEMP SUPPORTED.
- 4 — SAME MODULE AND HARDWARE AS HEATED/VENTED ALTHOUGH VENTED UNUSED.
- 5 — THIS CIRCUIT MAY NOT BE PROTECTED AGAINST A SHORT TO GROUND BY THE UPSTREAM — MODULE. USE CARE WHEN SELECTING THE WIRE GAGE.
- 6 — PARALLEL GROUNDS MAY BE REQUIRED TO MEET GMLAN GROUND OFFSET REQUIREMENTS

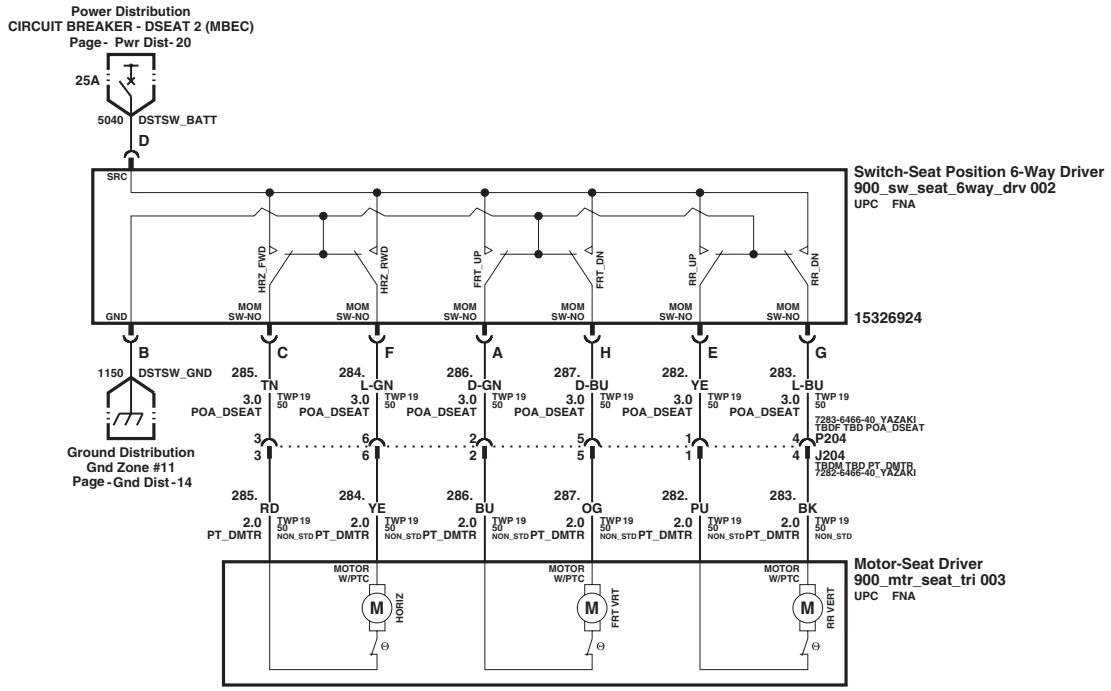
Positioning/Comfort: Heated Seats - Rear

REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Released 07 GMT900		1_07_pc_st_hv_rr	013	SSF 1	GMT900	&KA6
Panel Set: 2 of 2 schematic sheet1 4		$IVEDWORK/1_07_pc_st_hv_rr__013		Monday, September 12, 2005		

8:48:35 am

GM Proprietary

Positioning/Comfort: Power Driver Seat



Positioning/Comfort: Power Driver Seat

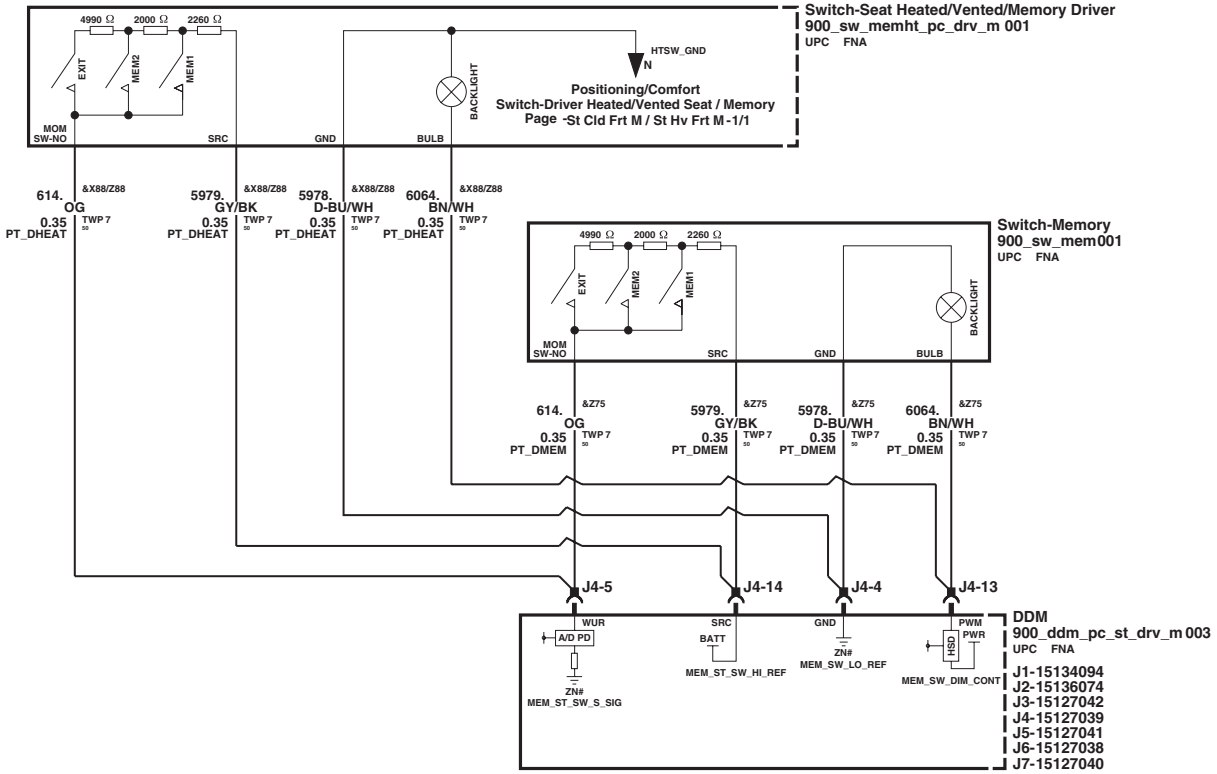
REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Released 07 GMT900	1_07_pc_st_pwr_drv	013	SSF	1	GMT900	&AG1-AN3

Panel Set: 1 of 1 schematic sheet1 1 $IVEDWORK/1_07_pc_st_pwr_drv__013

1:12:35 pm Friday, September 2, 2005

GM Proprietary

Positioning/Comfort: Power Driver Seat w/Memory

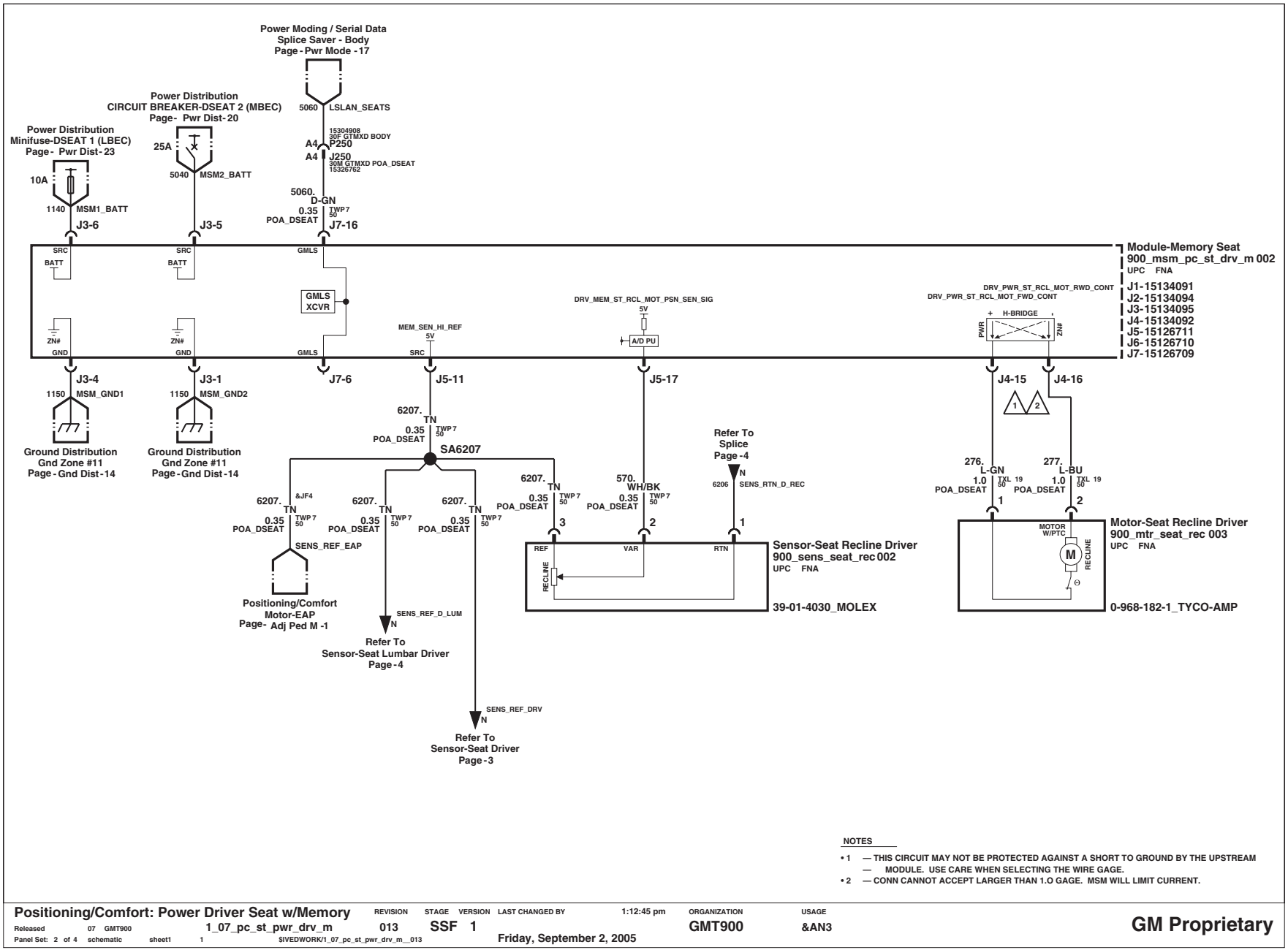


NOTES

• 1 — SEE INDIVIDUAL SUBSYSTEMS FOR MEMORY ADJUSTABLE PEDALS, HEATED FRONT SEATS, — MIRRORS, & COOLED FRONT SEATS (IF MEMORY). — TXL IS USED ON THE WIRES FOR THE MOTORS PER LEAR REQUEST.

Positioning/Comfort: Power Driver Seat w/Memory	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE	
Released 07 GMT900	1_07_pc_st_pwr_drv_m	013	SSF	1	1:12:45 pm	GMT900	&AN3	GM Proprietary
Panel Set: 1 of 4 schematic sheet1 1	$IVEDWORK/1_07_pc_st_pwr_drv_m__013				Friday, September 2, 2005			

Positioning/Comfort: Power Driver Seat w/Memory

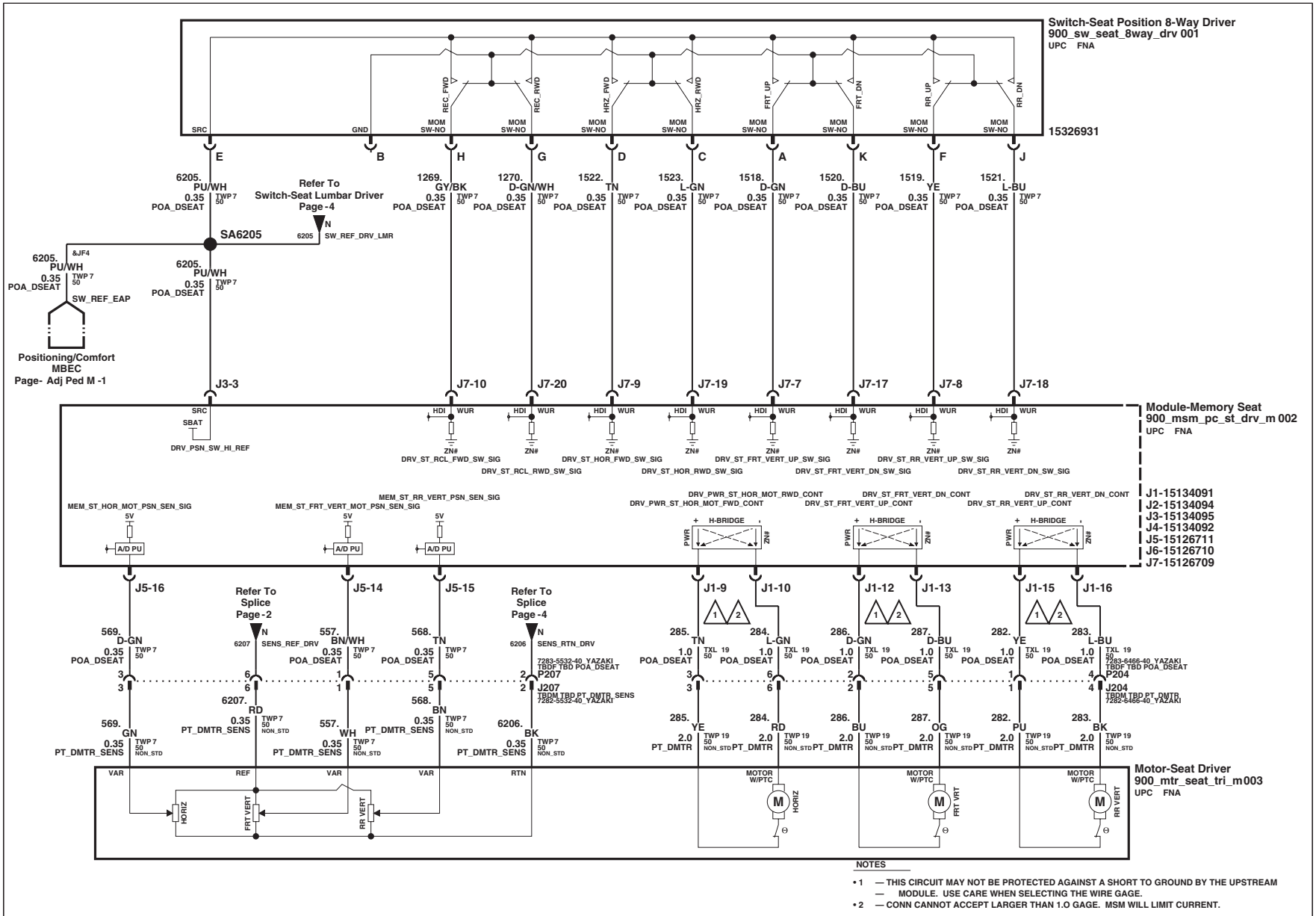


NOTES

- 1 — THIS CIRCUIT MAY NOT BE PROTECTED AGAINST A SHORT TO GROUND BY THE UPSTREAM MODULE. USE CARE WHEN SELECTING THE WIRE GAGE.
- 2 — CONN CANNOT ACCEPT LARGER THAN 1.0 GAGE. MSM WILL LIMIT CURRENT.

Positioning/Comfort: Power Driver Seat w/Memory	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE	
Released 07 GMT900	1_07_pc_st_pwr_drv_m	013	SSF	1	1:12:45 pm	GMT900	&AN3	GM Proprietary
Panel Set: 2 of 4 schematic sheet1 1	$IVEDWORK/1_07_pc_st_pwr_drv_m__013				Friday, September 2, 2005			

Positioning/Comfort: Power Driver Seat w/Memory

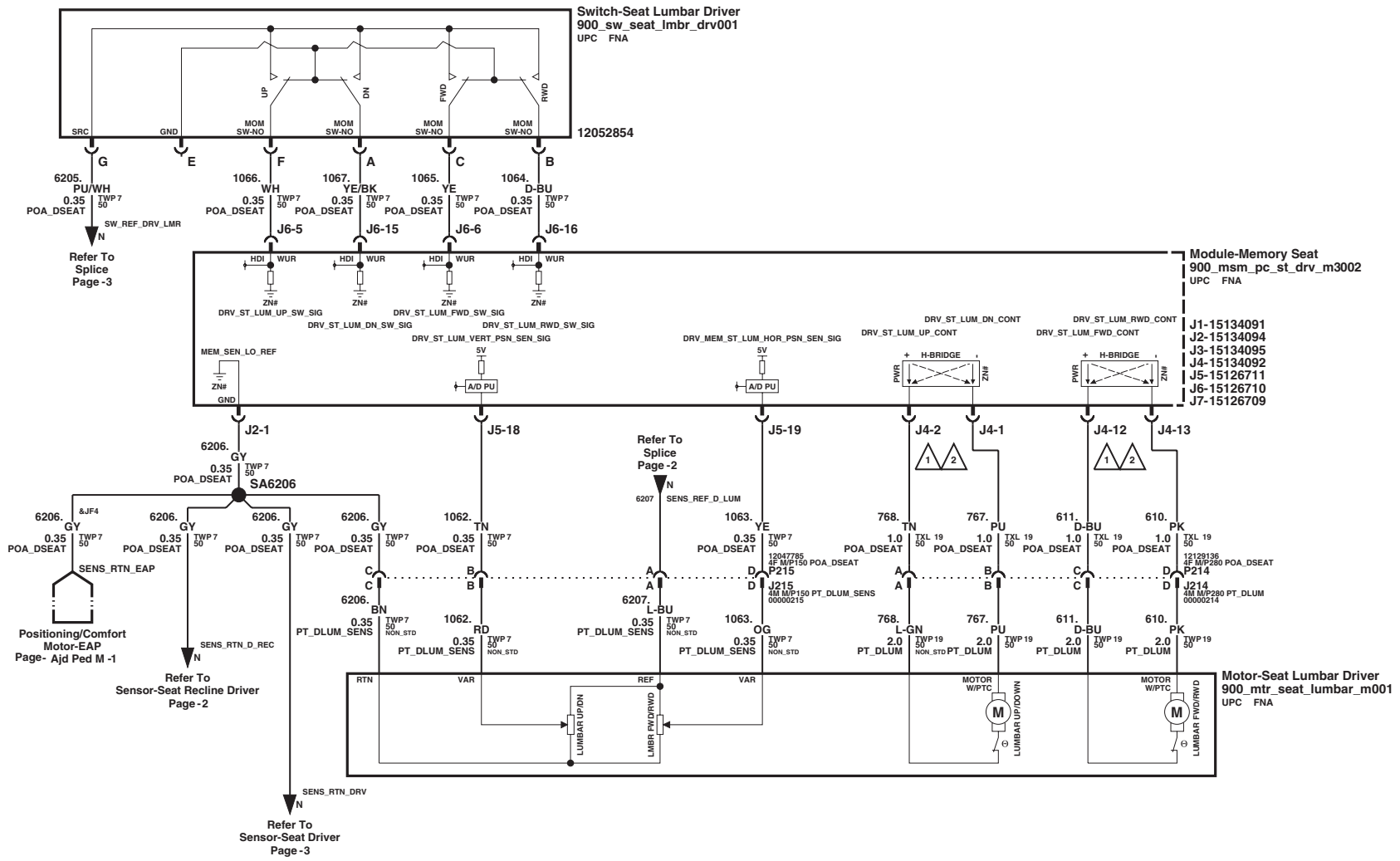


Positioning/Comfort: Power Driver Seat w/Memory

REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Released 07 GMT900		1_07_pc_st_pwr_drv_m	013	SSF 1	GMT900	&AN3
Panel Set: 3 of 4 schematic sheet1 1		$IVEDWORK/1_07_pc_st_pwr_drv_m__013		Friday, September 2, 2005		

GM Proprietary

Positioning/Comfort: Power Driver Seat w/Memory

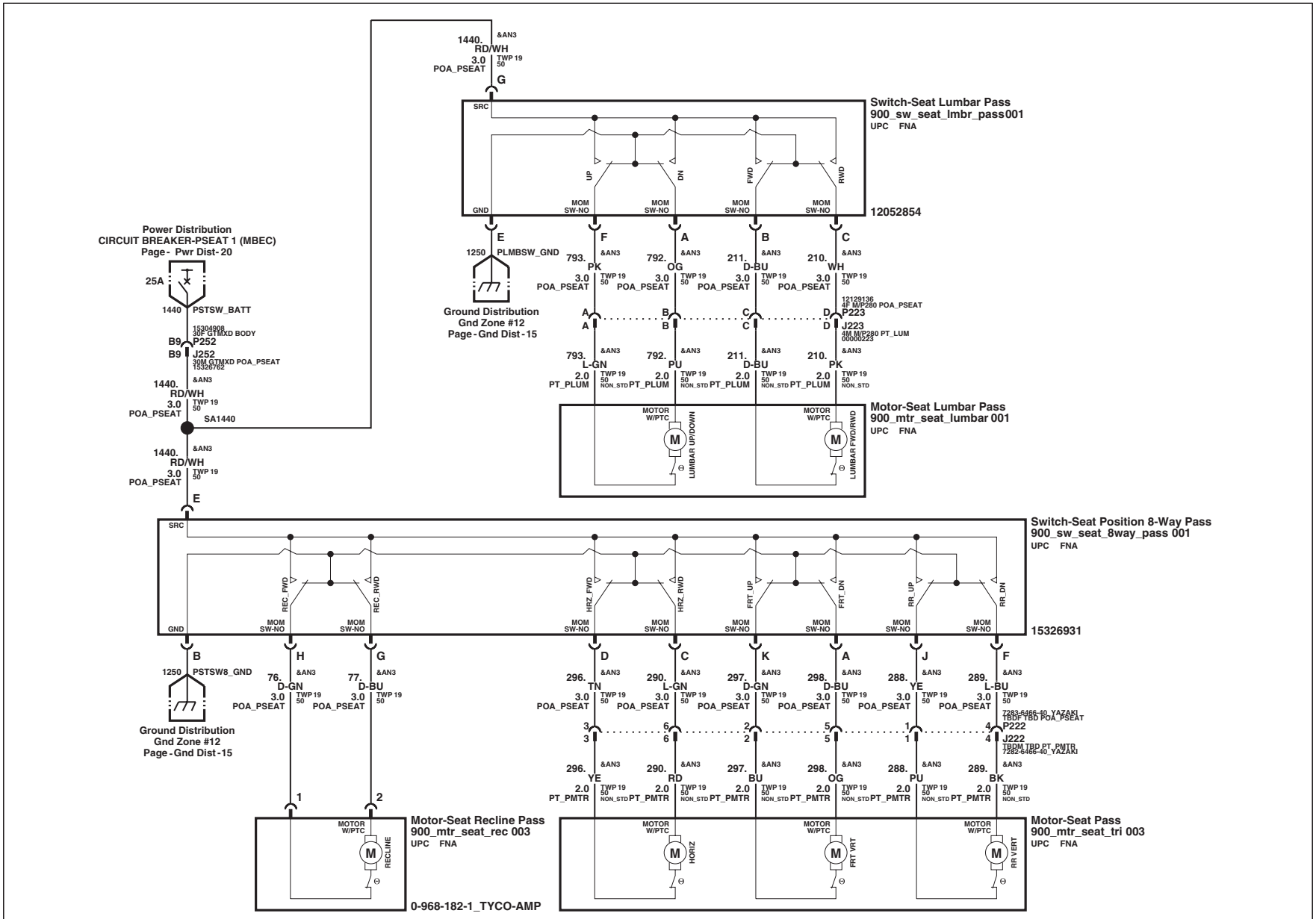


NOTES

- 1 — THIS CIRCUIT MAY NOT BE PROTECTED AGAINST A SHORT TO GROUND BY THE UPSTREAM MODULE. USE CARE WHEN SELECTING THE WIRE GAGE.
- 2 — CONN CANNOT ACCEPT LARGER THAN 1.0 GAGE. MSM WILL LIMIT CURRENT.

Positioning/Comfort: Power Driver Seat w/Memory	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE	
Released 07 GMT900	1_07_pc_st_pwr_drv_m	013	SSF	1	1:12:45 pm	GMT900	&AN3	GM Proprietary
Panel Set: 4 of 4 schematic sheet1 1	$IVEDWORK/1_07_pc_st_pwr_drv_m__013				Friday, September 2, 2005			

Positioning/Comfort: Power Passenger Seat

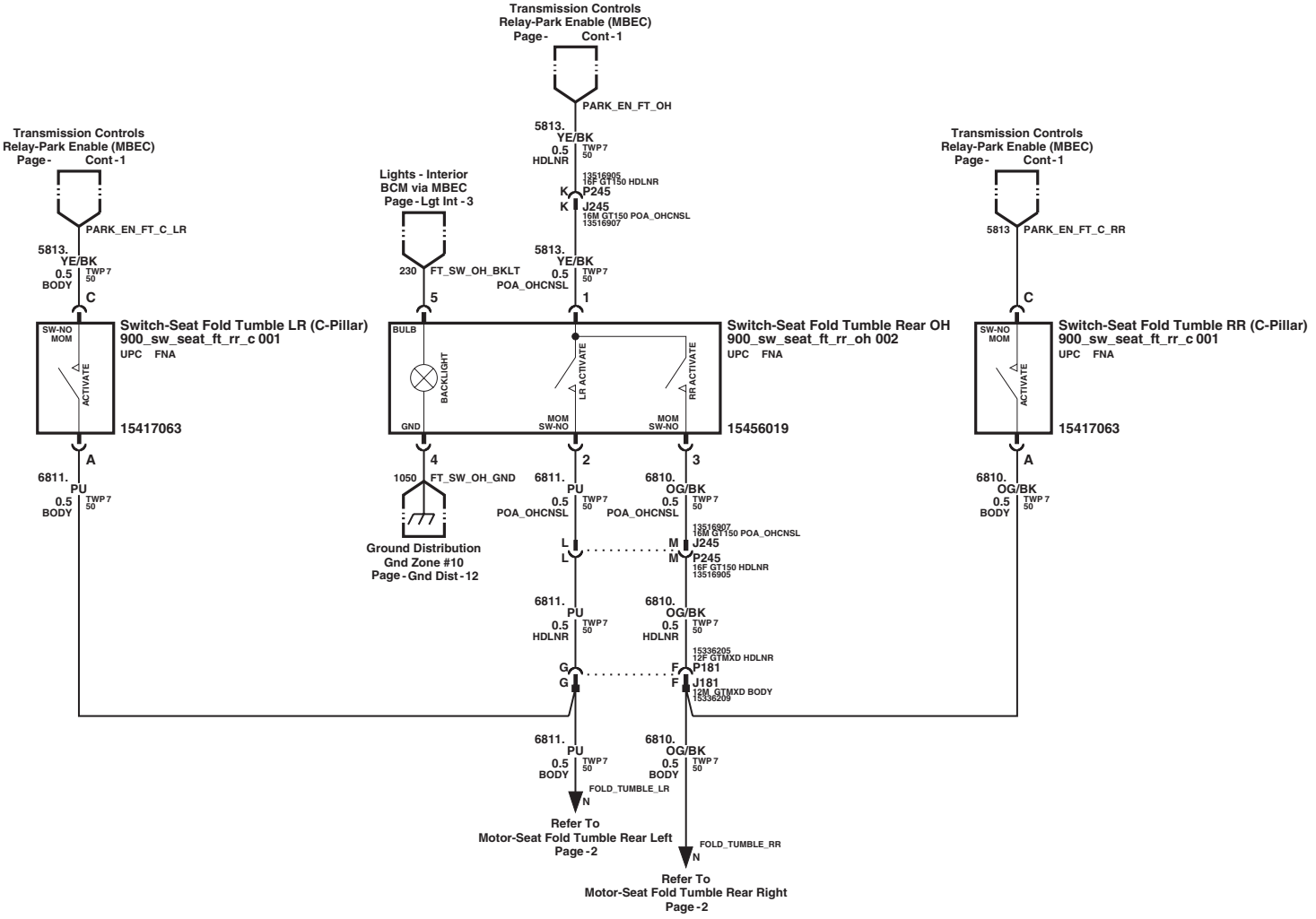


Positioning/Comfort: Power Passenger Seat

REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Released 07 GMT900	1_07_pc_st_pwr_pas	013	SSF	1	GMT900	&AG2
Panel Set: 1 of 1 schematic	sheet1 1	$IVEDWORK/1_07_pc_st_pwr_pas__013		1:12:56 pm Friday, September 2, 2005		

GM Proprietary

Positioning/Comfort: Power Fold & Tumble Second Row Seats



NOTES

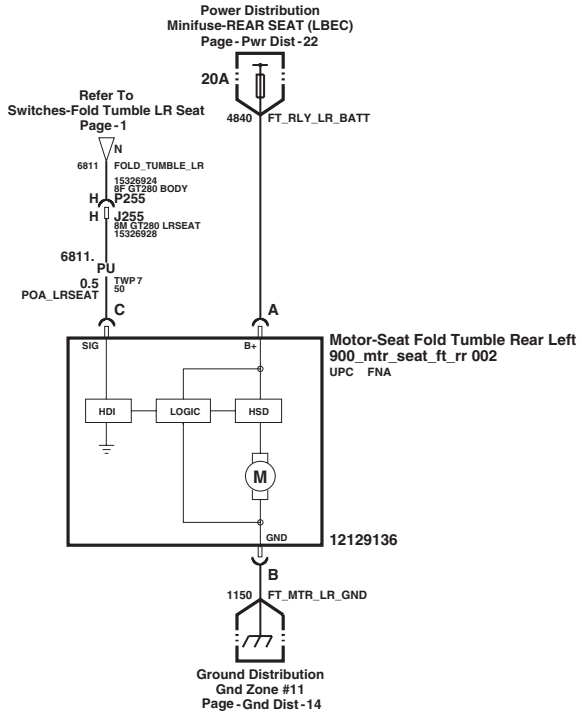
• 1 — FOLD & TUMBLE SEATS ONLY WORK WHEN VEHICLE IN PARK.

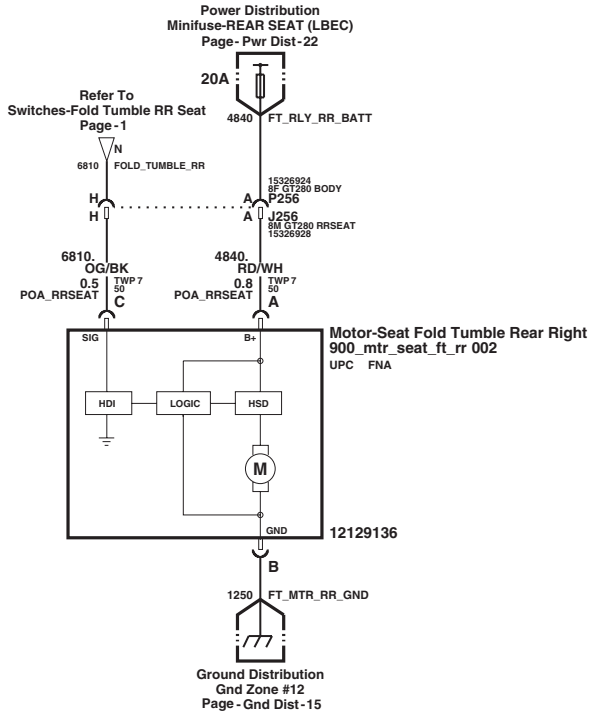
Positioning/Comfort: Power Fold & Tumble 2nd Row Seats

STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Released 07 GMT900	1_07_pc_st_pwr_rr_ft 013	SSF	1	GMT900	&ARS
Panel Set: 1 of 2 schematic sheet1 3	$IVEDWORK/1_07_pc_st_pwr_rr_ft__013		Monday, September 12, 2005	8:45:46 am	

GM Proprietary

Positioning/Comfort: Power Fold & Tumble Second Row Seats





NOTES

• 1 — FOLD & TUMBLE SEATS ONLY WORK WHEN VEHICLE IN PARK.

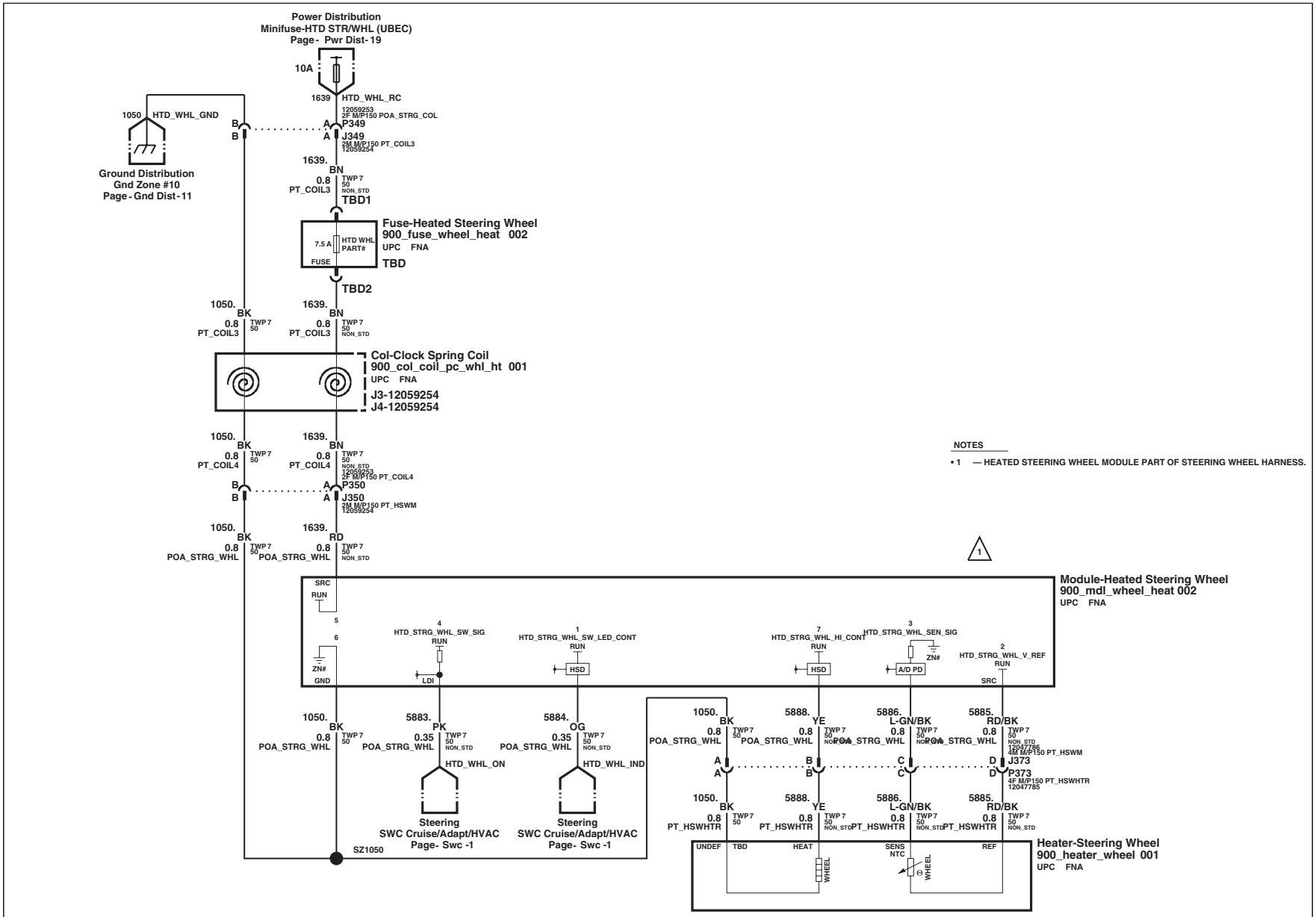
Positioning/Comfort: Power Fold & Tumble 2nd Row Seats

Released 07 GMT900 1_07_pc_st_pwr_rr_ft 013
Panel Set: 2 of 2 schematic sheet1 3 $IVEDWORK/1_07_pc_st_pwr_rr_ft__013

STAGE SSF VERSION 1 LAST CHANGED BY 8:45:46 am Monday, September 12, 2005
ORGANIZATION GMT900
USAGE &ARS

GM Proprietary

Positioning/Comfort: Heated Steering Wheel

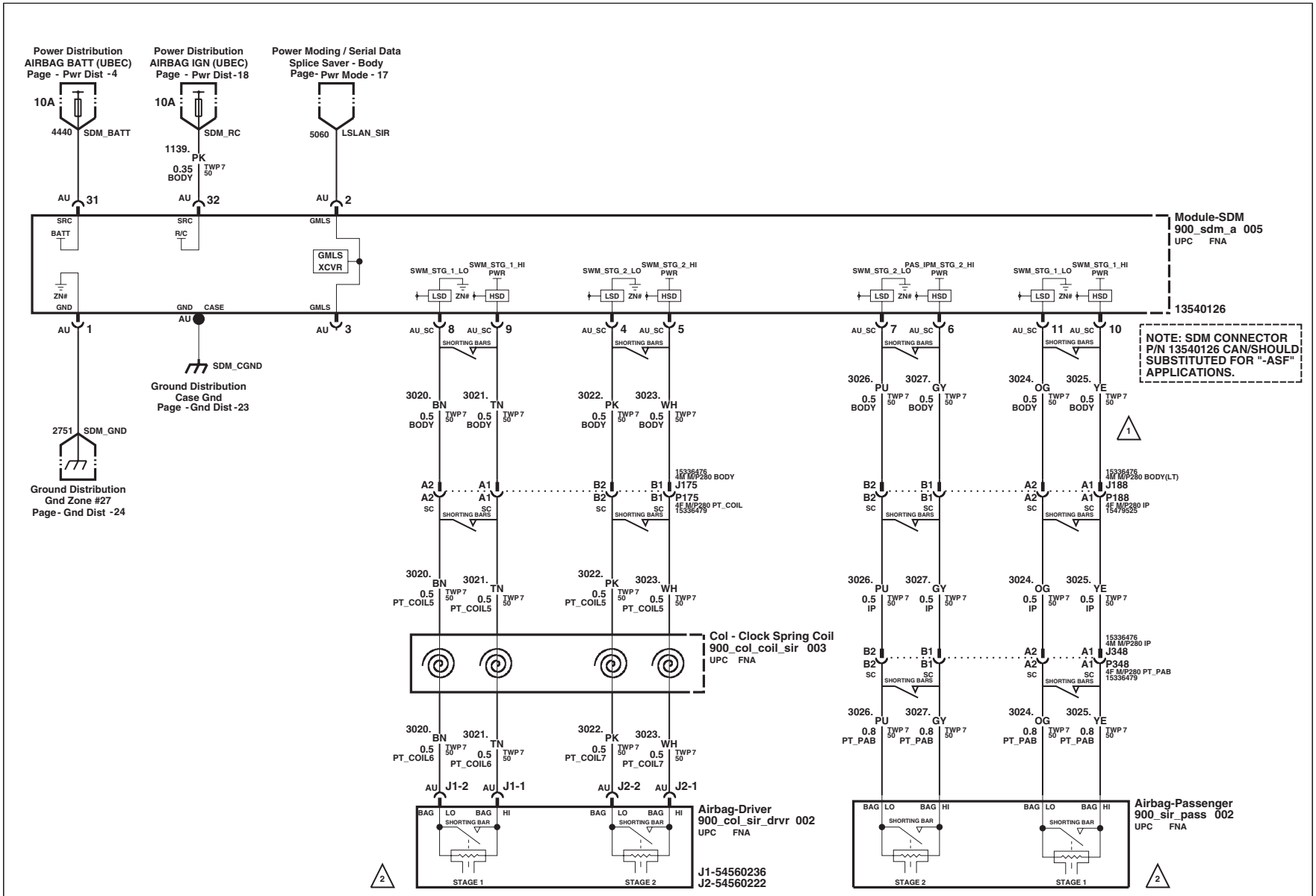


Positioning/Comfort: Heated Steering Wheel

Released	07 GMT900	1_07_pc_whl_htd	REVISION 013	STAGE SSF	VERSION 1	LAST CHANGED BY	12:13:43 pm	ORGANIZATION GMT900	USAGE &KA9
Panel Set: 1 of 1	schematic	sheet1 4	$IVEDWORK/1_07_pc_whl_htd__013			Monday, January 23, 2006			

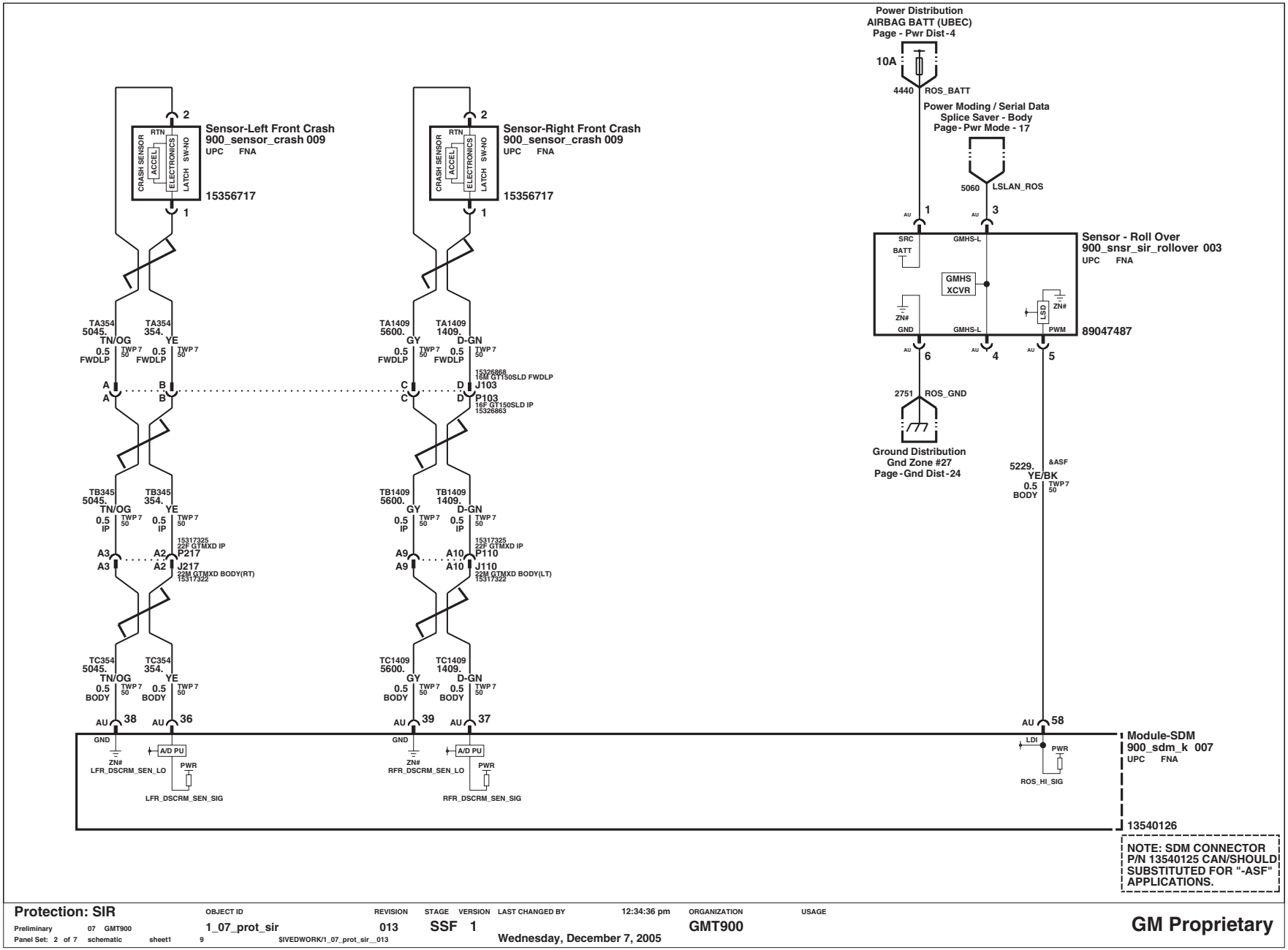
GM Proprietary

Protection: SIR – Utility



Protection: SIR	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Preliminary 07 GMT900	1_07_prot_sir	013	SSF	1		12:34:36 pm	GMT900	GM Proprietary
Panel Set: 1 of 7 schematic sheet1 9	$IVEDWORK/1_07_prot_sir__013				Wednesday, December 7, 2005			

Protection: SIR – Utility



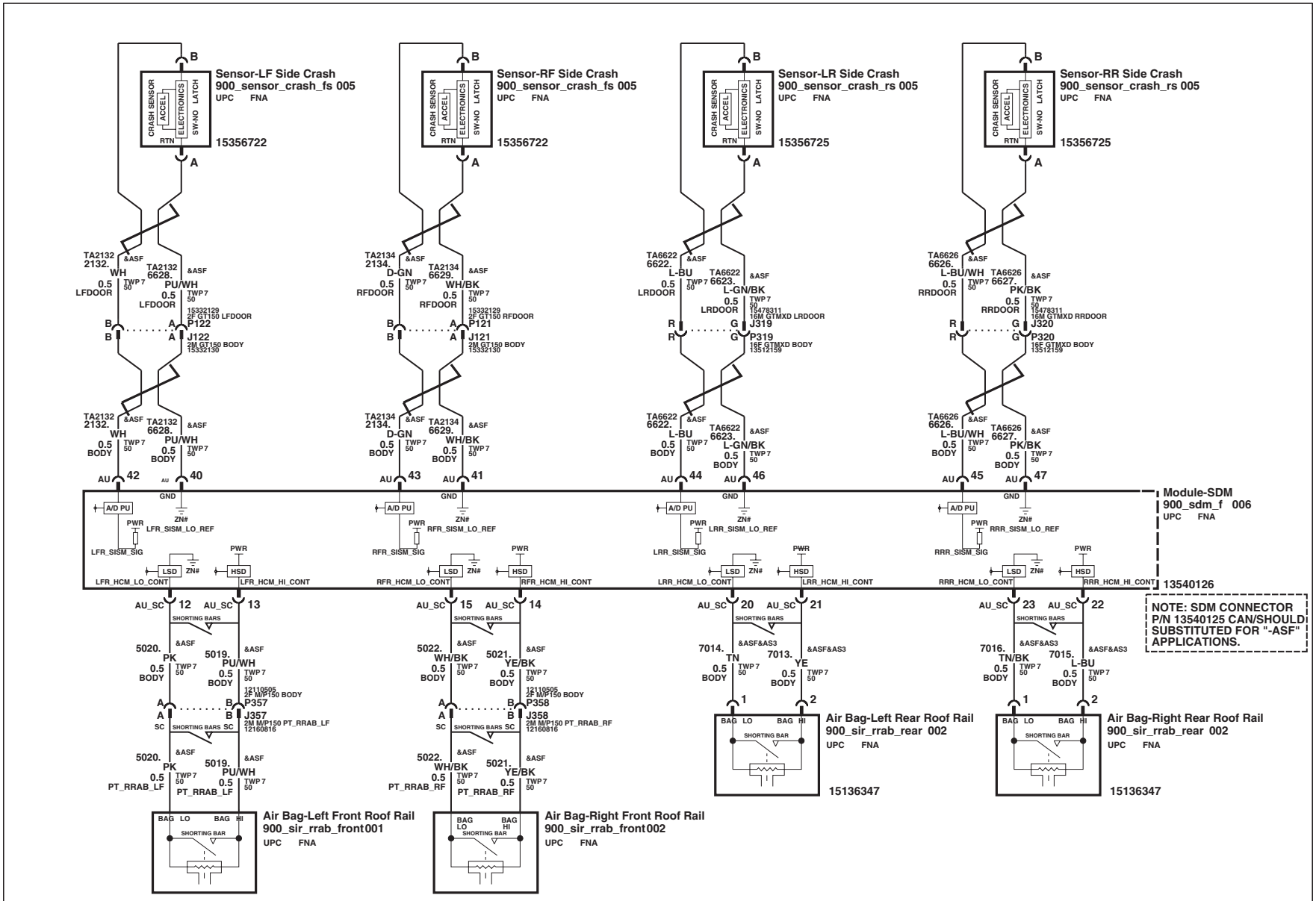
Protection: SIR

OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	12:34:36 pm	ORGANIZATION	USAGE
1_07_prot_sir	013	SSF	1			GMT900	

Preliminary 07 GMT900
Panel Set: 2 of 7 schematic sheet1 9 $IVEDWORK/1_07_prot_sir__013
Wednesday, December 7, 2005

GM Proprietary

Protection: SIR – Utility



Protection: SIR

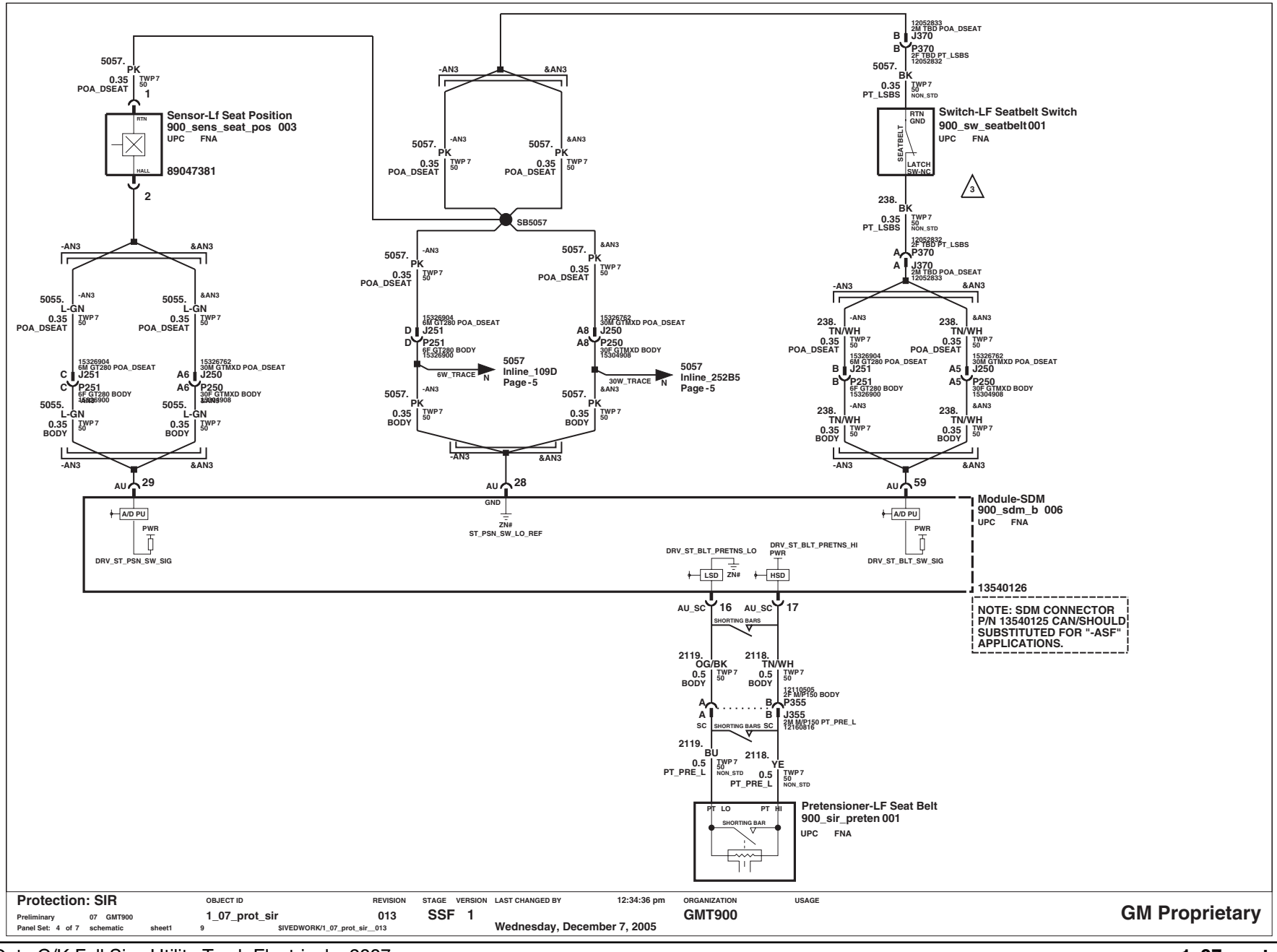
OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
1_07_prot_sir	013	SSF	1		12:34:36 pm	GMT900	

Preliminary 07 GMT900
Panel Set: 3 of 7 schematic sheet1 9 $IVEDWORK/1_07_prot_sir__013

Wednesday, December 7, 2005

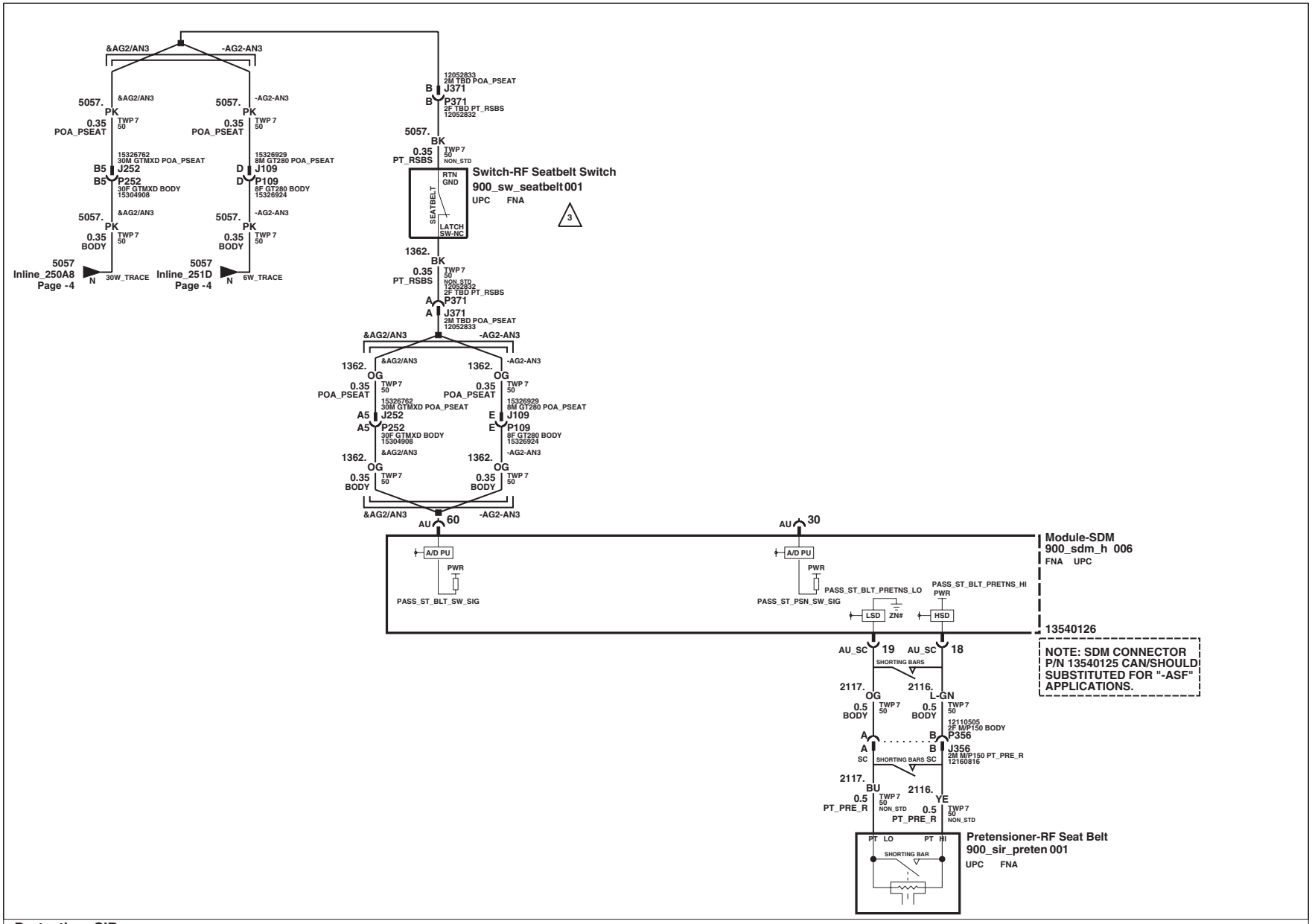
GM Proprietary

Protection: SIR – Utility



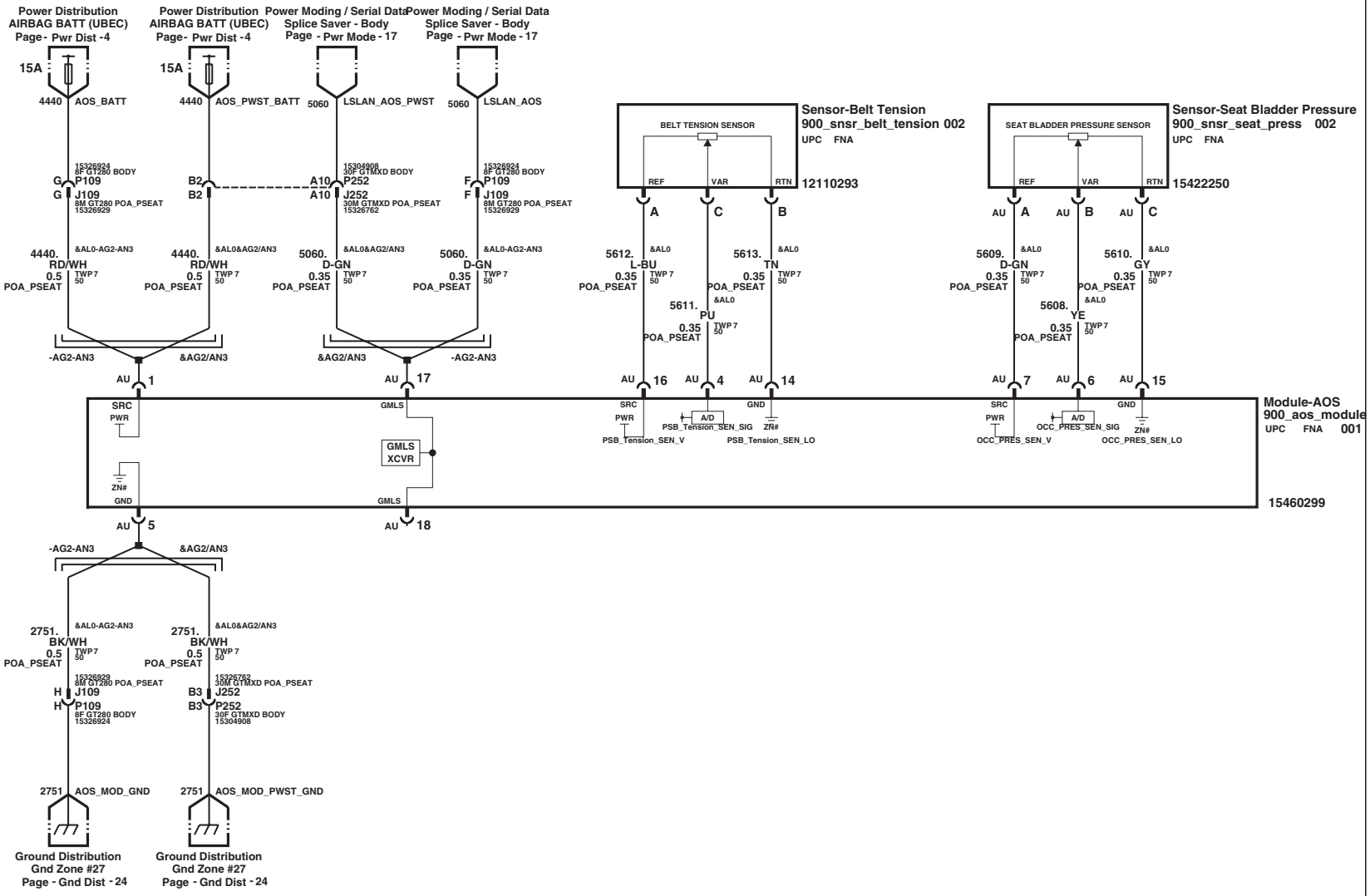
Protection: SIR	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	12:34:36 pm	ORGANIZATION	USAGE
Preliminary 07 GMT900	1_07_prot_sir	013	SSF	1			GMT900	GM Proprietary
Panel Set: 4 of 7 schematic sheet1 9	$IVEDWORK/1_07_prot_sir__013				Wednesday, December 7, 2005			

Protection: SIR – Utility



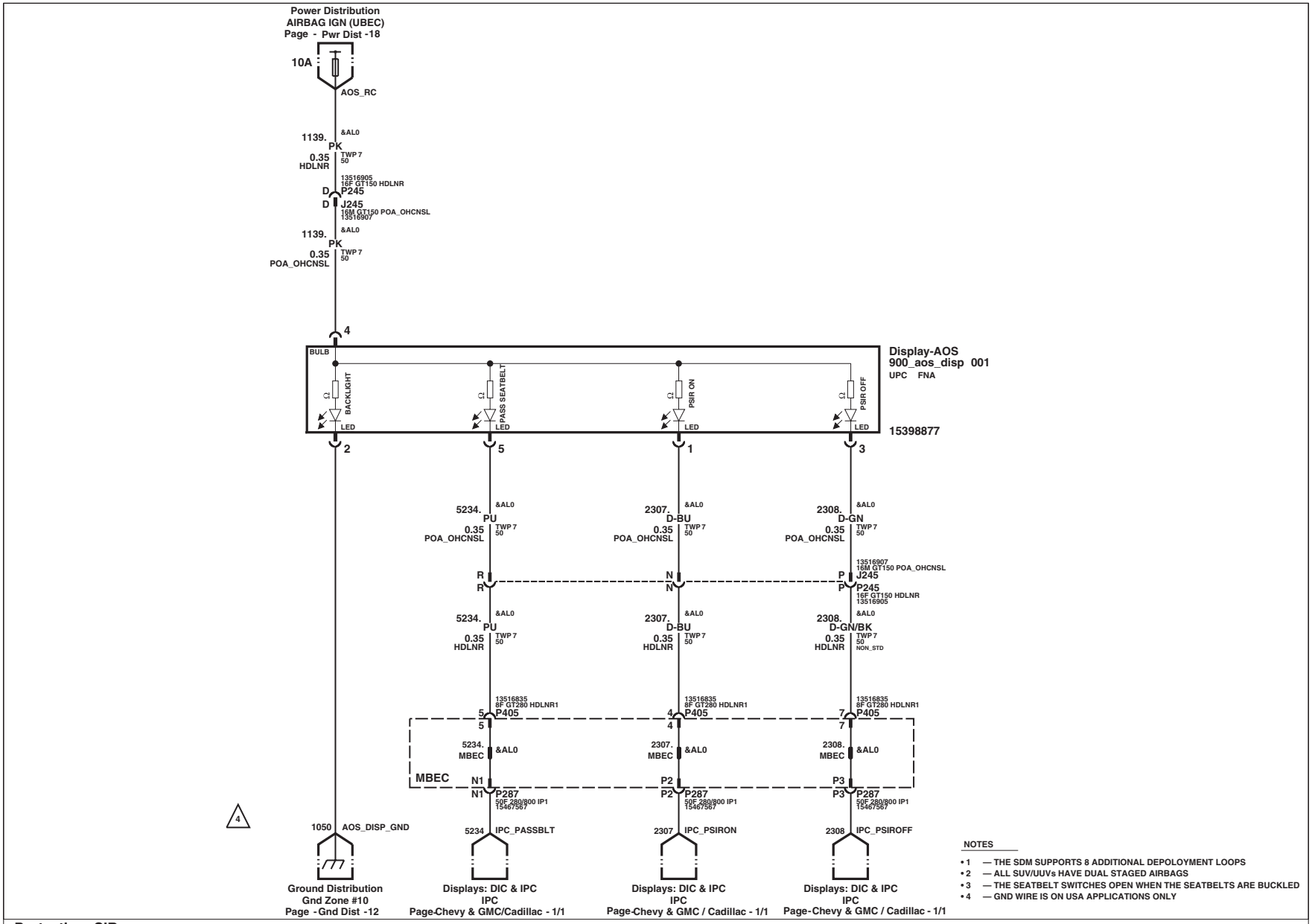
Protection: SIR	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE	
Preliminary 07 GMT900	1_07_prot_sir	013	SSF	1		12:34:36 pm	GMT900		GM Proprietary
Panel Set: 5 of 7 schematic sheet1 9	$IVEDWORK/1_07_prot_sir__013				Wednesday, December 7, 2005				

Protection: SIR – Utility



Protection: SIR	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Preliminary 07 GMT900	1_07_prot_sir	013	SSF	1		12:34:36 pm	GMT900	GM Proprietary
Panel Set: 6 of 7 schematic sheet1 9	$IVEDWORK/1_07_prot_sir__013				Wednesday, December 7, 2005			

Protection: SIR – Utility



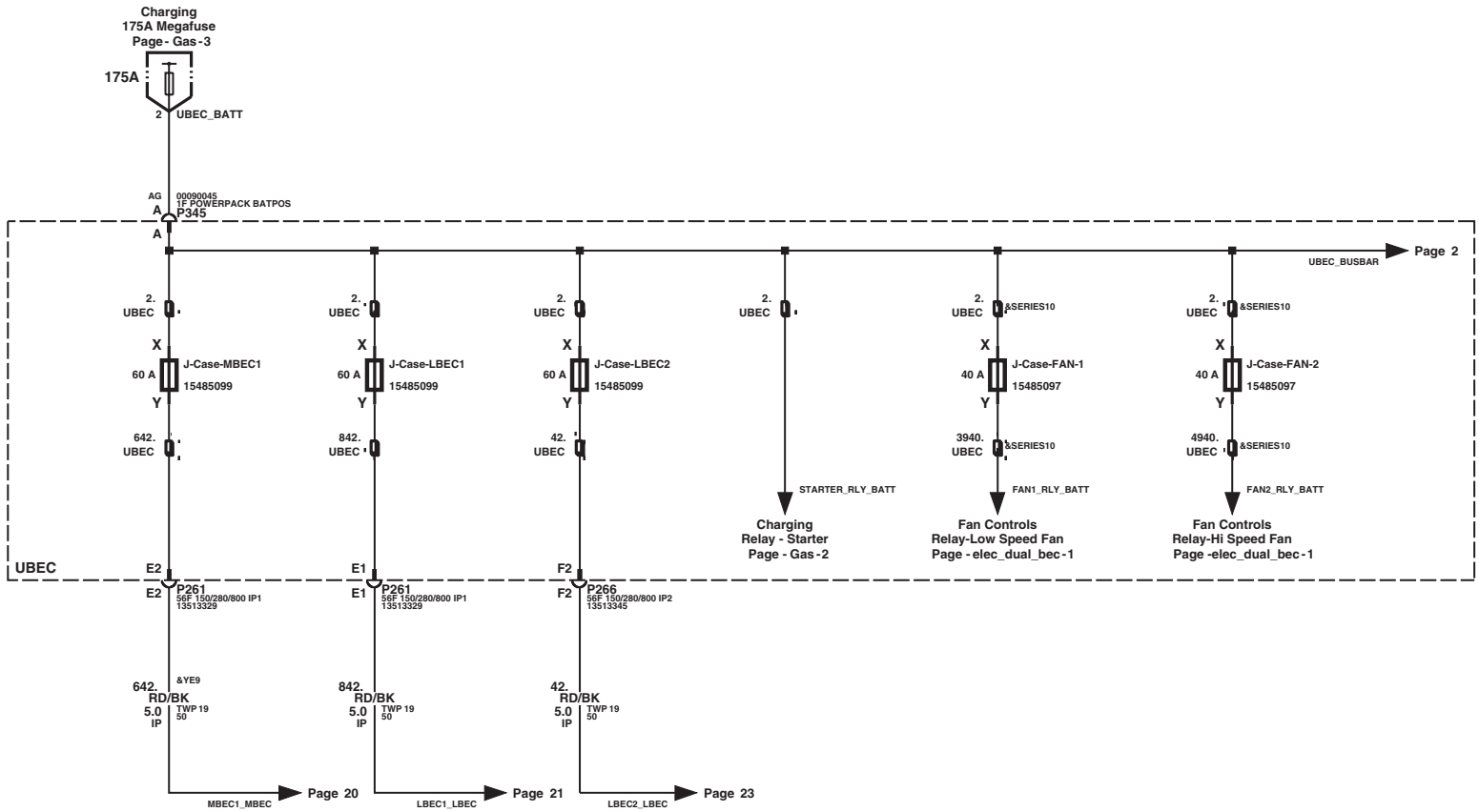
NOTES

- 1 — THE SDM SUPPORTS 8 ADDITIONAL DEPOLOYMENT LOOPS
- 2 — ALL SUV/UUVs HAVE DUAL STAGED AIRBAGS
- 3 — THE SEATBELT SWITCHES OPEN WHEN THE SEATBELTS ARE BUCKLED
- 4 — GND WIRE IS ON USA APPLICATIONS ONLY

Protection: SIR	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	12:34:36 pm	ORGANIZATION	USAGE
Preliminary 07 GMT900	1_07_prot_sir	013	SSF	1			GMT900	
Panel Set: 7 of 7 schematic sheet1 9	$IVEDWORK/1_07_prot_sir__013				Wednesday, December 7, 2005			

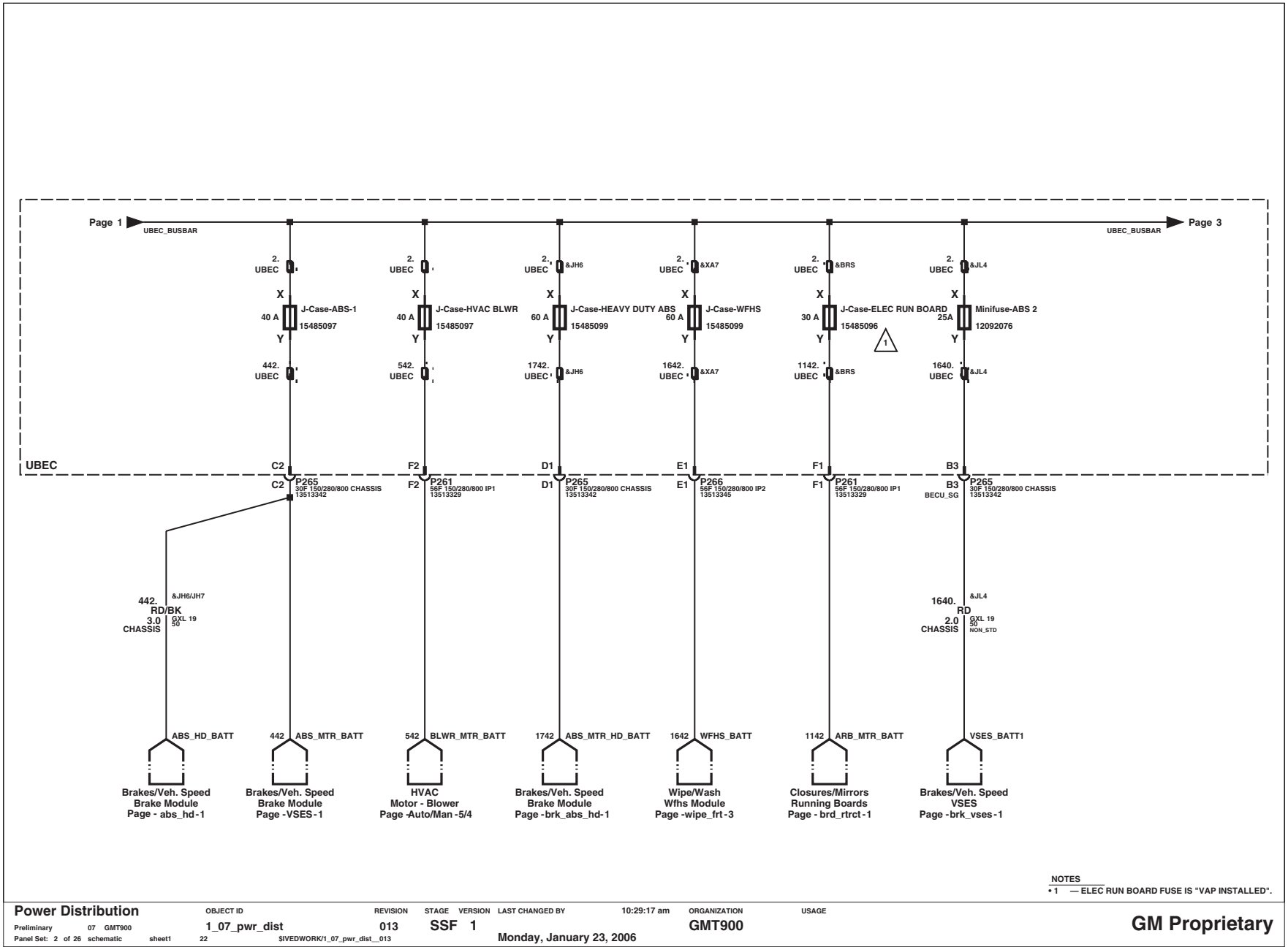
GM Proprietary

Power Distribution

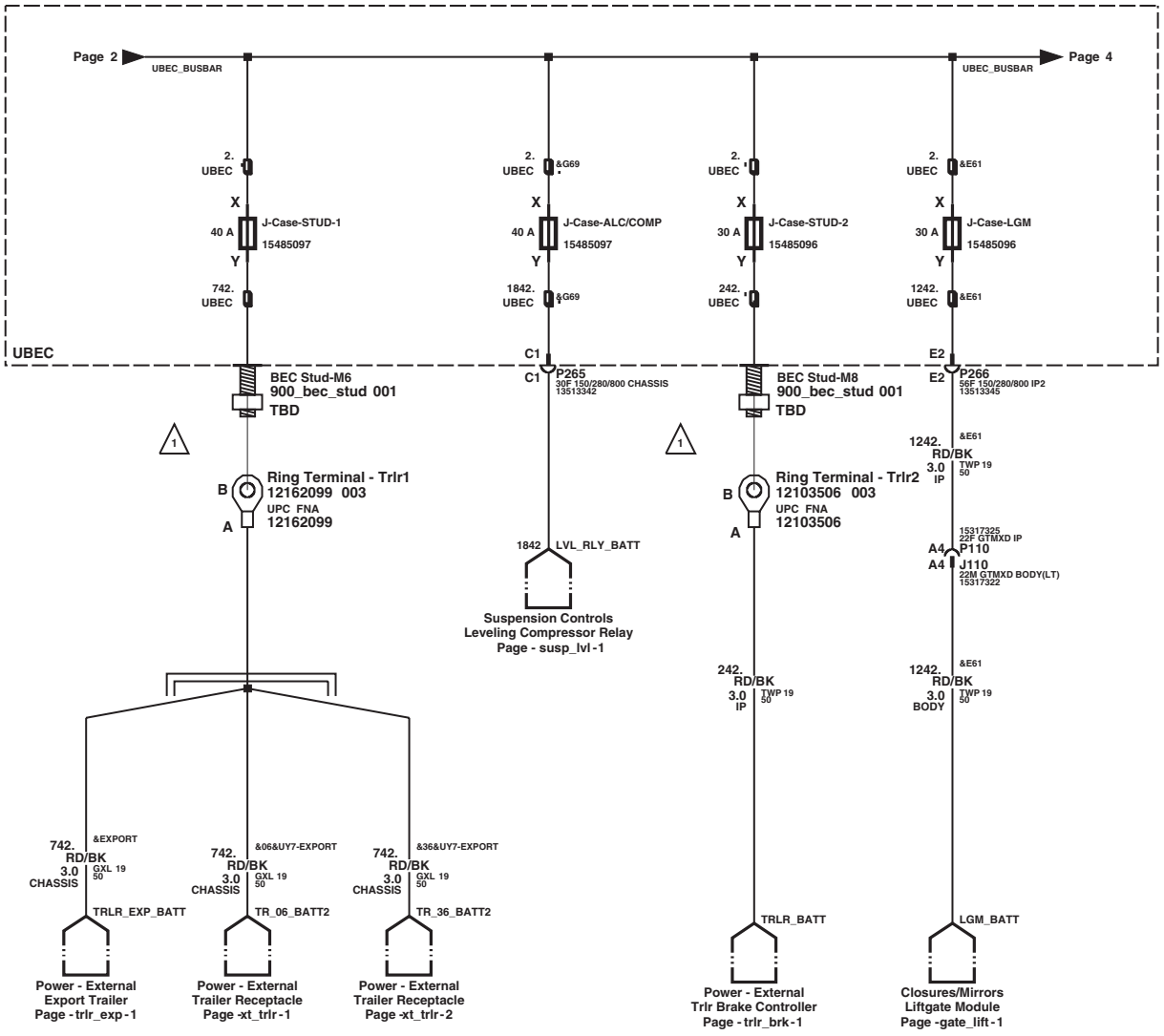


Power Distribution	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	10:29:17 am	ORGANIZATION	USAGE
Preliminary 07 GMT900	1_07_pwr_dist	013	SSF	1			GMT900	GM Proprietary
Panel Set: 1 of 26 schematic sheet1 22	$IVEDWORK/1_07_pwr_dist__013				Monday, January 23, 2006			

Power Distribution



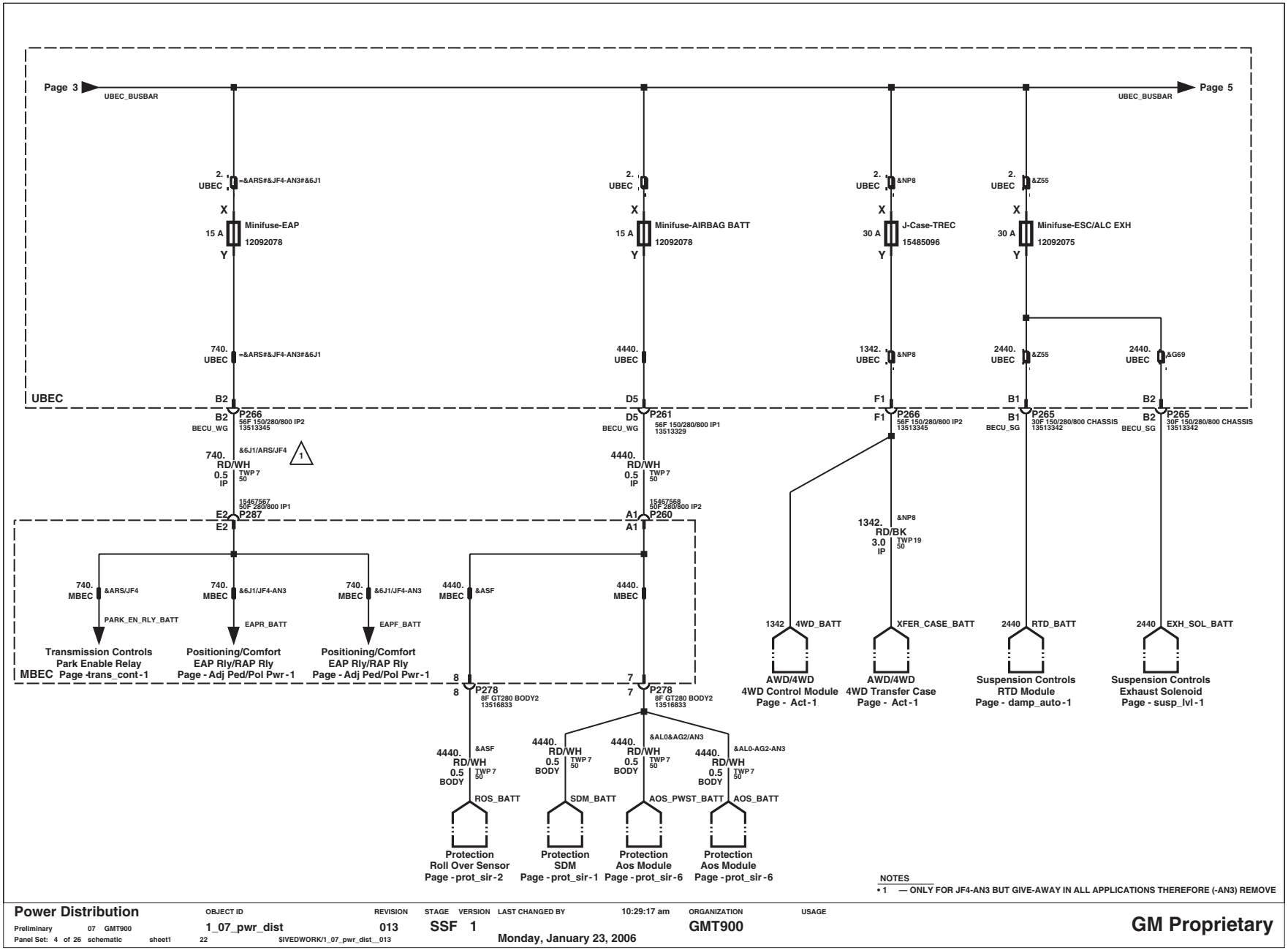
Power Distribution



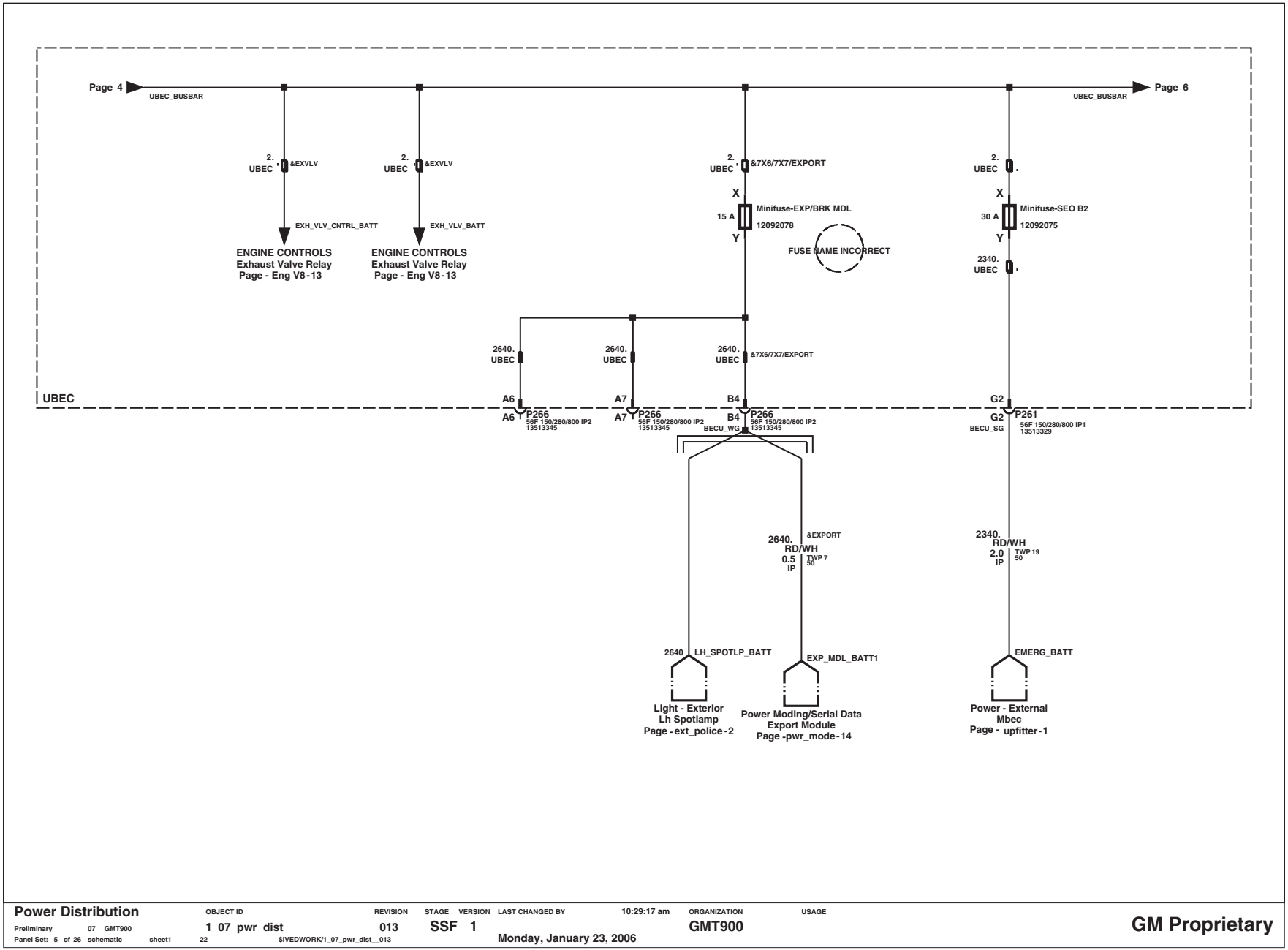
NOTES
• 1 — THE RING TERMINAL CONNECTIONS TO THE STUD 1 AND STUD 2 J-CASE FUSES
• — ARE NOT MADE AT THE VAP AND ARE "CUSTOMER INSTALLED".

Power Distribution	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Preliminary 07 GMT900	1_07_pwr_dist	013	SSF	1		10:29:17 am	GMT900	GM Proprietary
Panel Set: 3 of 26 schematic sheet1 22	$IVEDWORK/1_07_pwr_dist__013				Monday, January 23, 2006			

Power Distribution

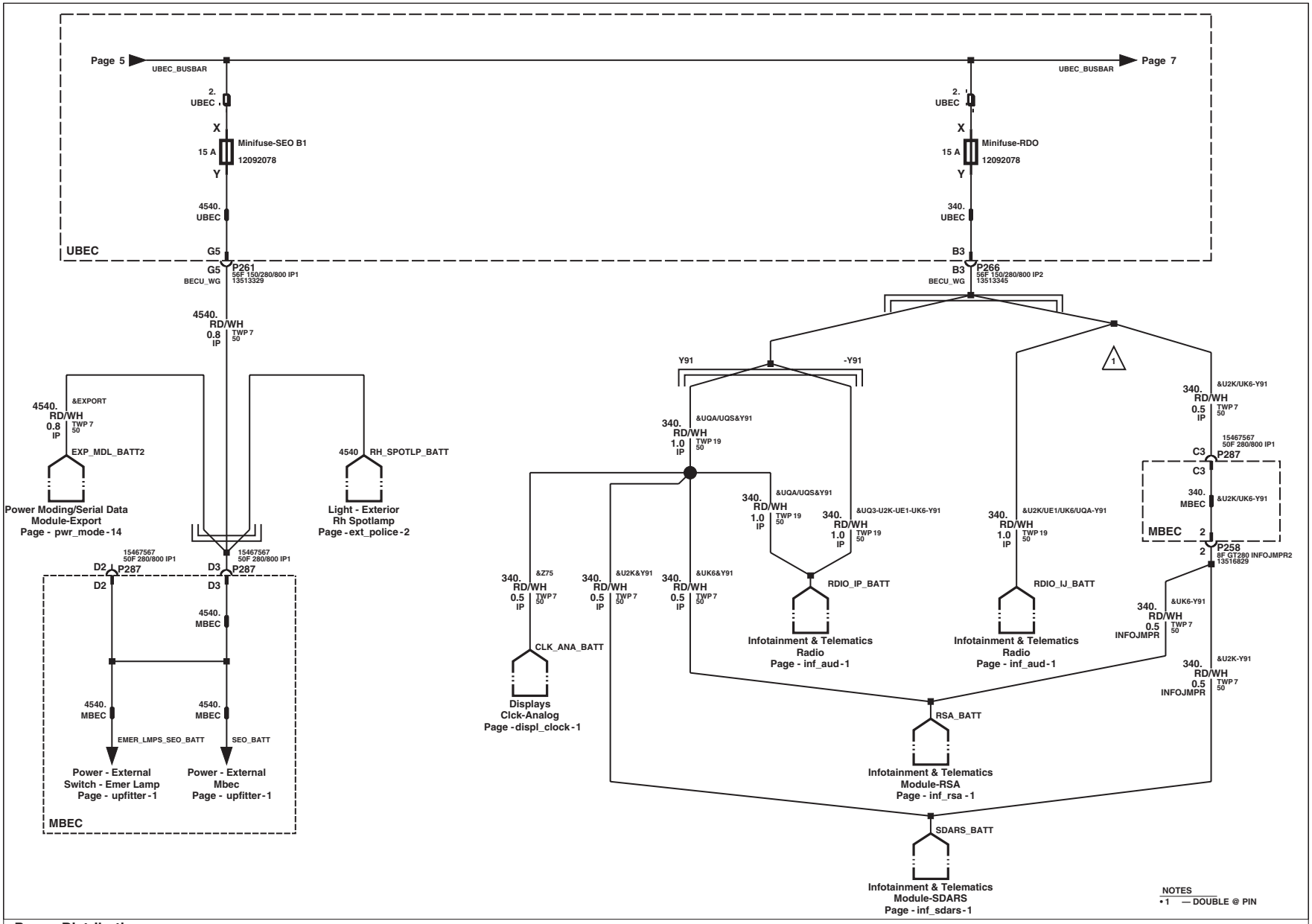

Page 3
UBEC_BUSBAR
Page 5
UBEC_BUSBAR
2. UBEC =&ARS#&JF4-AN3#&6J1
X
15 A Minifuse-EAP
12092078
Y
2. UBEC
X
15 A Minifuse-AIRBAG BATT
12092078
Y
2. UBEC &NP8
X
30 A J-Case-TREC
15485096
Y
2. UBEC &Z55
X
30 A Minifuse-ESC/ALC EXH
12092075
Y
740. UBEC =&ARS#&JF4-AN3#&6J1
4440. UBEC
1342. UBEC &NP8
2440. UBEC &Z55
2440. UBEC &G69
UBEC
B2 P266 56F 150/280/800 IP2 13513345 BECU_WG
D5 P261 56F 150/280/800 IP1 13513329 BECU_WG
F1 P266 56F 150/280/800 IP2 13513345
B1 P265 30F 150/280/800 CHASSIS 13513342 BECU_SG
B2 P265 30F 150/280/800 CHASSIS 13513342 BECU_SG
740. RD/WH 0.5 IP TWP 7 50 &6J1/ARS/JF4 1
4440. RD/WH 0.5 IP TWP 7 50
1342. RD/BK 3.0 IP TWP 19 50 &NP8
15467567 50F 280/800 IP1
15467568 50F 280/800 IP2
E2 P287
A1 P260
740. MBEC &ARS/JF4 PARK_EN_RLY_BATT
740. MBEC &6J1/JF4-AN3 EAPR_BATT
740. MBEC &6J1/JF4-AN3 EAPF_BATT
4440. MBEC &ASF
4440. MBEC
1342 4WD_BATT
XFER_CASE_BATT
2440 RTD_BATT
2440 EXH_SOL_BATT
Transmission Controls Park Enable Relay MBEC Page - trans_cont-1
Positioning/Comfort EAP Rly/RAP Rly Page - Adj Ped/Pol Pwr-1
Positioning/Comfort EAP Rly/RAP Rly Page - Adj Ped/Pol Pwr-1
AWD/4WD 4WD Control Module Page - Act-1
AWD/4WD 4WD Transfer Case Page - Act-1
Suspension Controls RTD Module Page - damp_auto-1
Suspension Controls Exhaust Solenoid Page - susp_lvl-1
8 P278 8F GT280 BODY2 13516833
7 P278 8F GT280 BODY2 13516833
&AL0&AG2/AN3
4440. RD/WH 0.5 BODY TWP 7 50 &ASF ROS_BATT
4440. RD/WH 0.5 BODY TWP 7 50 SDM_BATT
4440. RD/WH 0.5 BODY TWP 7 50 AOS_PWST_BATT
4440. RD/WH 0.5 BODY TWP 7 50 &AL0-AG2-AN3 AOS_BATT
Protection Roll Over Sensor Page - prot_sir-2
Protection SDM Page - prot_sir-1
Protection Aos Module Page - prot_sir-6
Protection Aos Module Page - prot_sir-6
NOTES
• 1 — ONLY FOR JF4-AN3 BUT GIVE-AWAY IN ALL APPLICATIONS THEREFORE (-AN3) REMOVE
Power Distribution
Preliminary 07 GMT900
Panel Set: 4 of 26 schematic sheet1 22
OBJECT ID 1_07_pwr_dist
REVISION 013
STAGE SSF VERSION 1
LAST CHANGED BY $IVEDWORK/1_07_pwr_dist__013
10:29:17 am Monday, January 23, 2006
ORGANIZATION GMT900
USAGE
GM Proprietary

Power Distribution



Power Distribution	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Preliminary 07 GMT900	1_07_pwr_dist	013	SSF	1		10:29:17 am	GMT900	GM Proprietary
Panel Set: 5 of 26 schematic sheet1 22	$IVEDWORK/1_07_pwr_dist__013				Monday, January 23, 2006			

Power Distribution



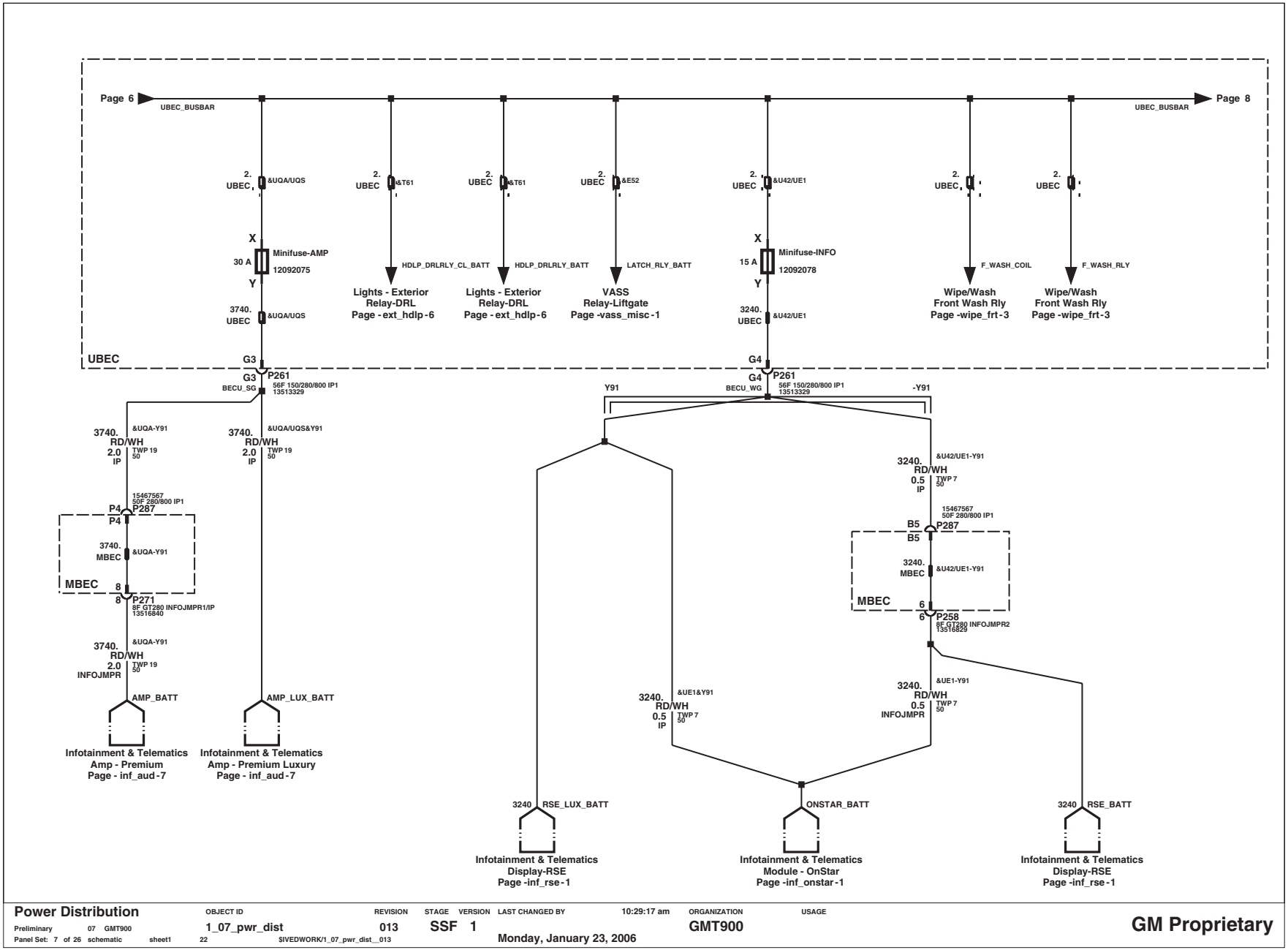
Power Distribution

OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
1_07_pwr_dist	013	SSF	1		10:29:17 am	GMT900	

Preliminary 07 GMT900
Panel Set: 6 of 26 schematic sheet1 22 $IVEDWORK/1_07_pwr_dist__013
Monday, January 23, 2006

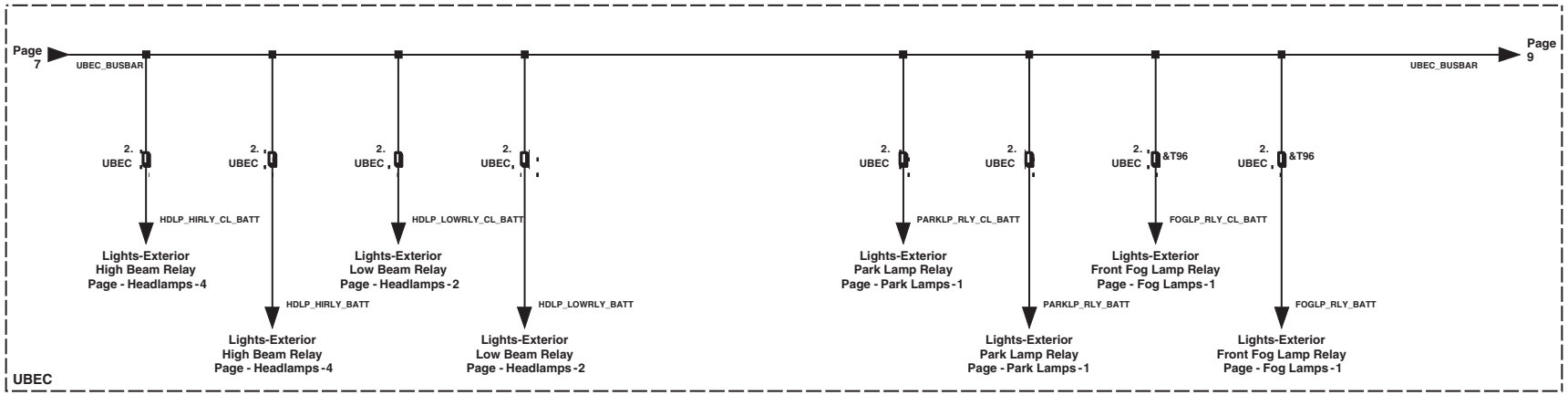
GM Proprietary

Power Distribution



Power Distribution	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	10:29:17 am	ORGANIZATION	USAGE
Preliminary 07 GMT900	1_07_pwr_dist	013	SSF	1			GMT900	GM Proprietary
Panel Set: 7 of 26 schematic sheet1 22	$IVEDWORK/1_07_pwr_dist__013				Monday, January 23, 2006			

Power Distribution

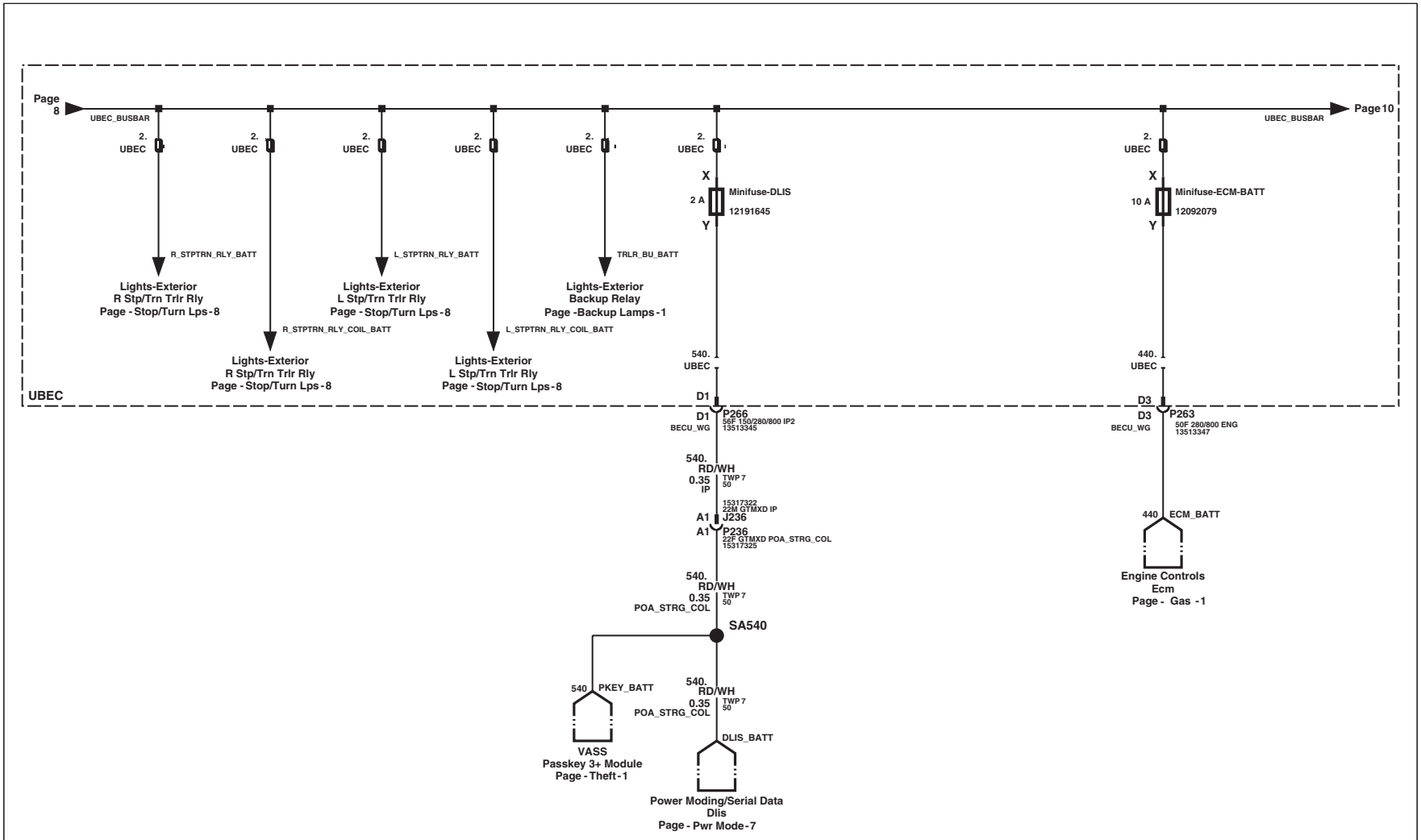

Page 7
UBEC_BUSBAR
Page 9
UBEC_BUSBAR
2. UBEC
HDLP_HIRLY_CL_BATT
Lights-Exterior High Beam Relay Page - Headlamps - 4
HDLP_HIRLY_BATT
Lights-Exterior High Beam Relay Page - Headlamps - 4
HDLP_LOWRLY_CL_BATT
Lights-Exterior Low Beam Relay Page - Headlamps - 2
HDLP_LOWRLY_BATT
Lights-Exterior Low Beam Relay Page - Headlamps - 2
PARKLP_RLY_CL_BATT
Lights-Exterior Park Lamp Relay Page - Park Lamps - 1
PARKLP_RLY_BATT
Lights-Exterior Park Lamp Relay Page - Park Lamps - 1
&T96
FOGLP_RLY_CL_BATT
Lights-Exterior Front Fog Lamp Relay Page - Fog Lamps - 1
FOGLP_RLY_BATT
Lights-Exterior Front Fog Lamp Relay Page - Fog Lamps - 1
UBEC

Power Distribution | OBJECT ID 1_07_pwr_dist | REVISION 013 | STAGE SSF | VERSION 1 | LAST CHANGED BY | 10:29:17 am | ORGANIZATION GMT900 | USAGE

Preliminary 07 GMT900 | Panel Set: 8 of 26 schematic sheet1 22 | $IVEDWORK/1_07_pwr_dist__013 | Monday, January 23, 2006

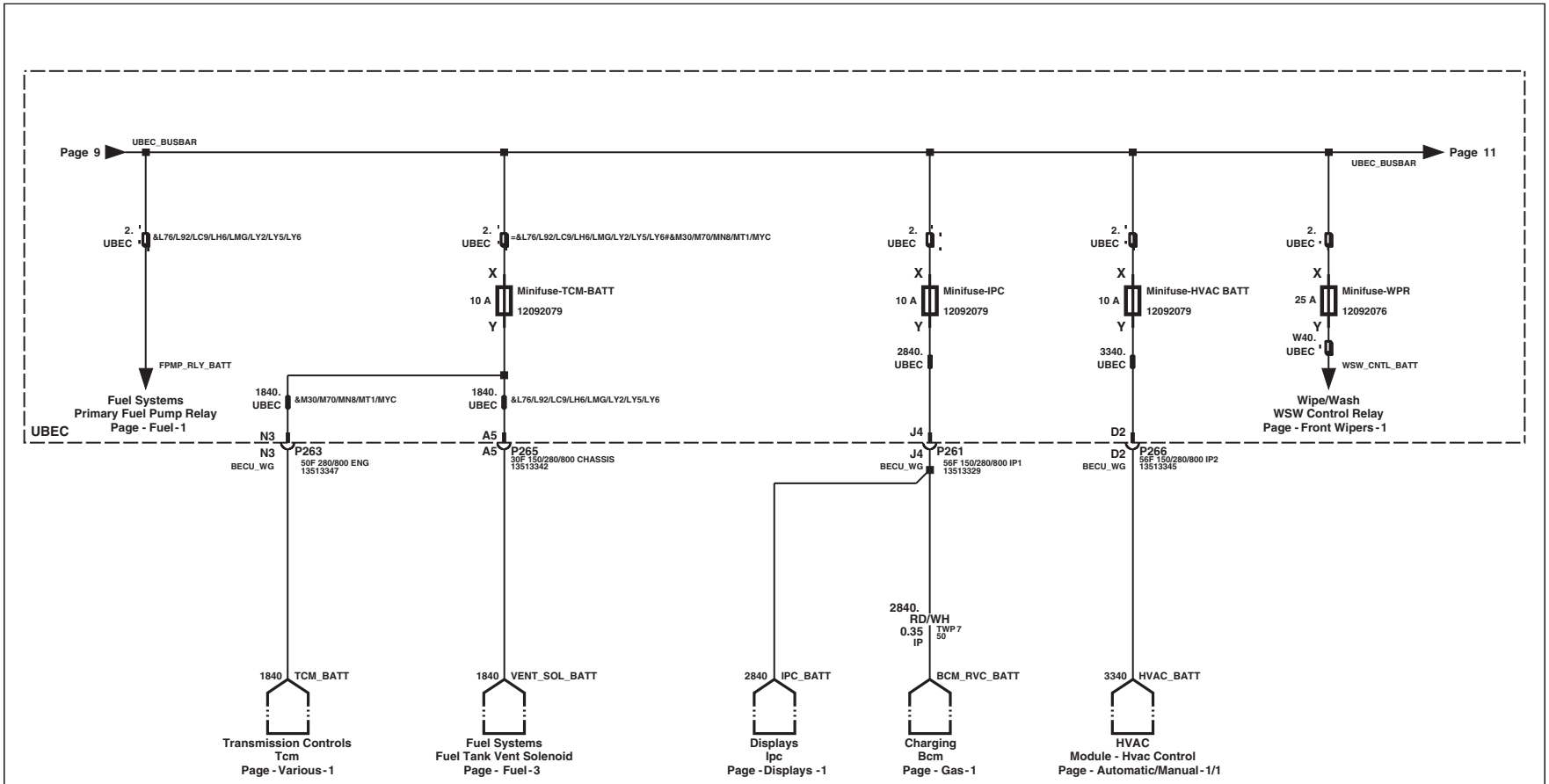
GM Proprietary

Power Distribution



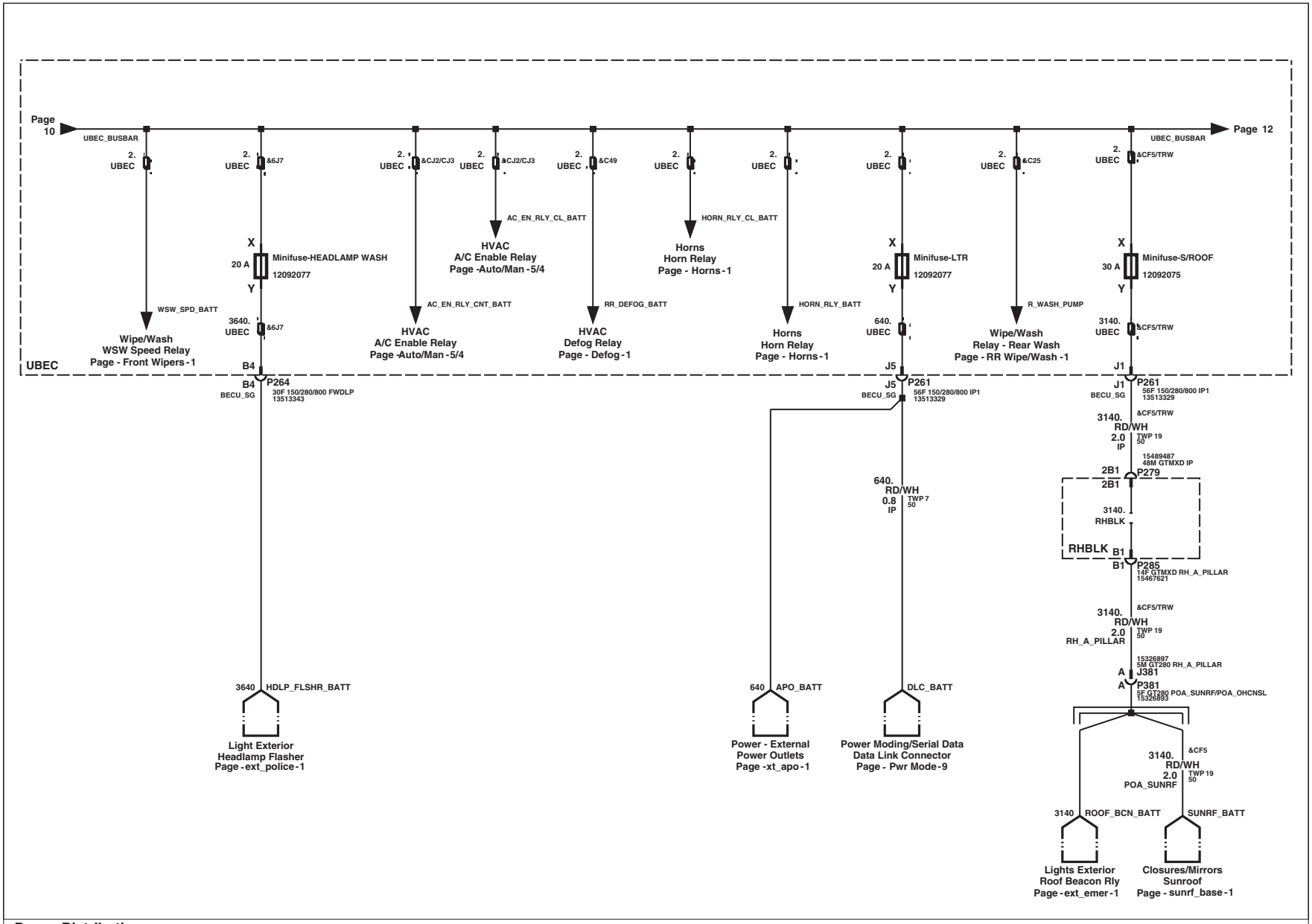
Power Distribution	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	10:29:17 am	ORGANIZATION	USAGE
Preliminary 07 GMT900	1_07_pwr_dist	013	SSF	1			GMT900	GM Proprietary
Panel Set: 9 of 26 schematic sheet1 22	$IVEDWORK/1_07_pwr_dist__013				Monday, January 23, 2006			

Power Distribution



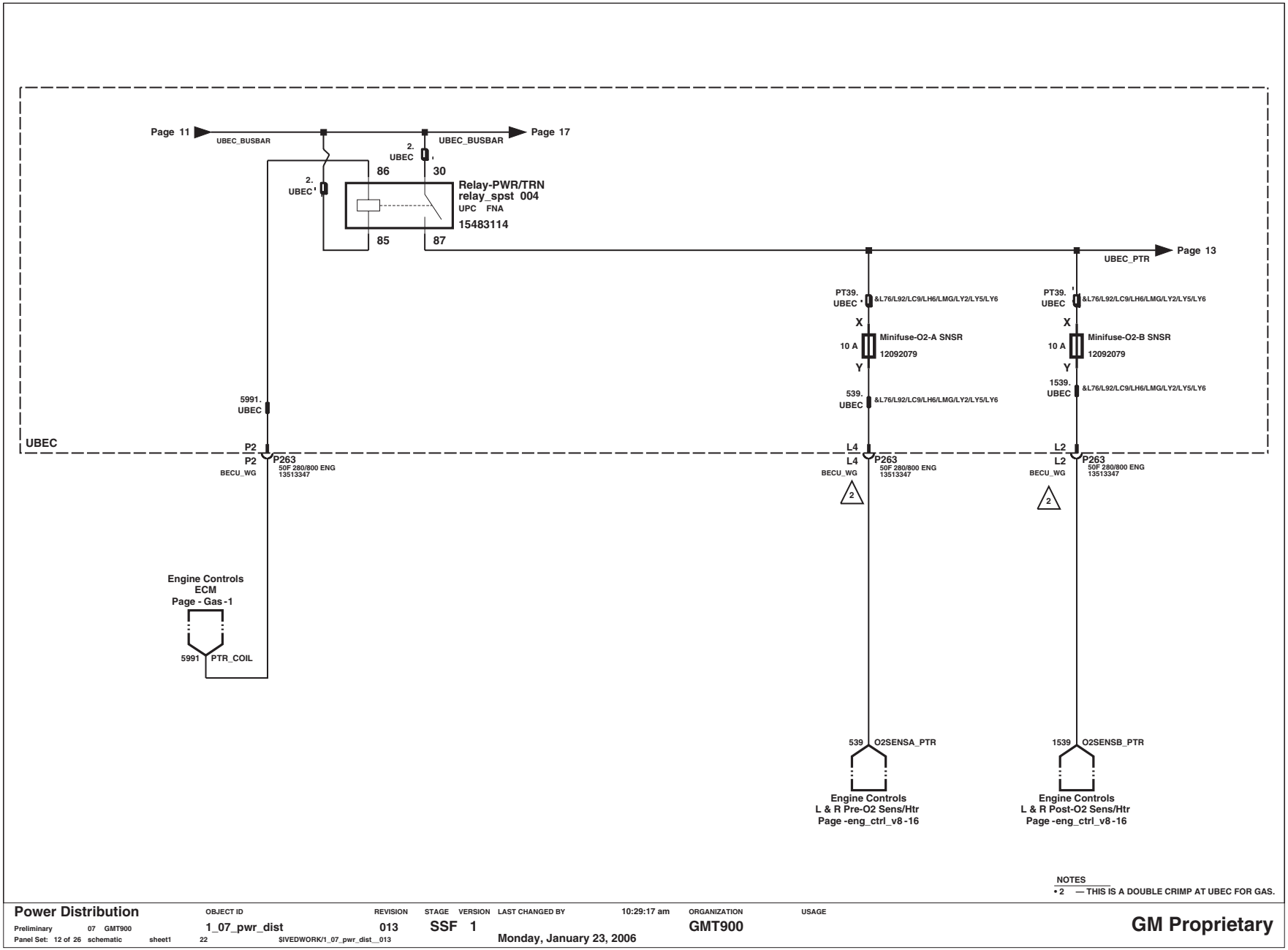
Power Distribution	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	10:29:17 am	ORGANIZATION	USAGE
Preliminary 07 GMT900	1_07_pwr_dist	013	SSF	1			GMT900	GM Proprietary
Panel Set: 10 of 26 schematic sheet1 22	$IVEDWORK/1_07_pwr_dist__013				Monday, January 23, 2006			

Power Distribution



Power Distribution	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Preliminary 07 GMT900	1_07_pwr_dist	013	SSF	1		10:29:17 am	GMT900	GM Proprietary
Panel Set: 11 of 26 schematic sheet1 22	$IVEDWORK/1_07_pwr_dist__013				Monday, January 23, 2006			

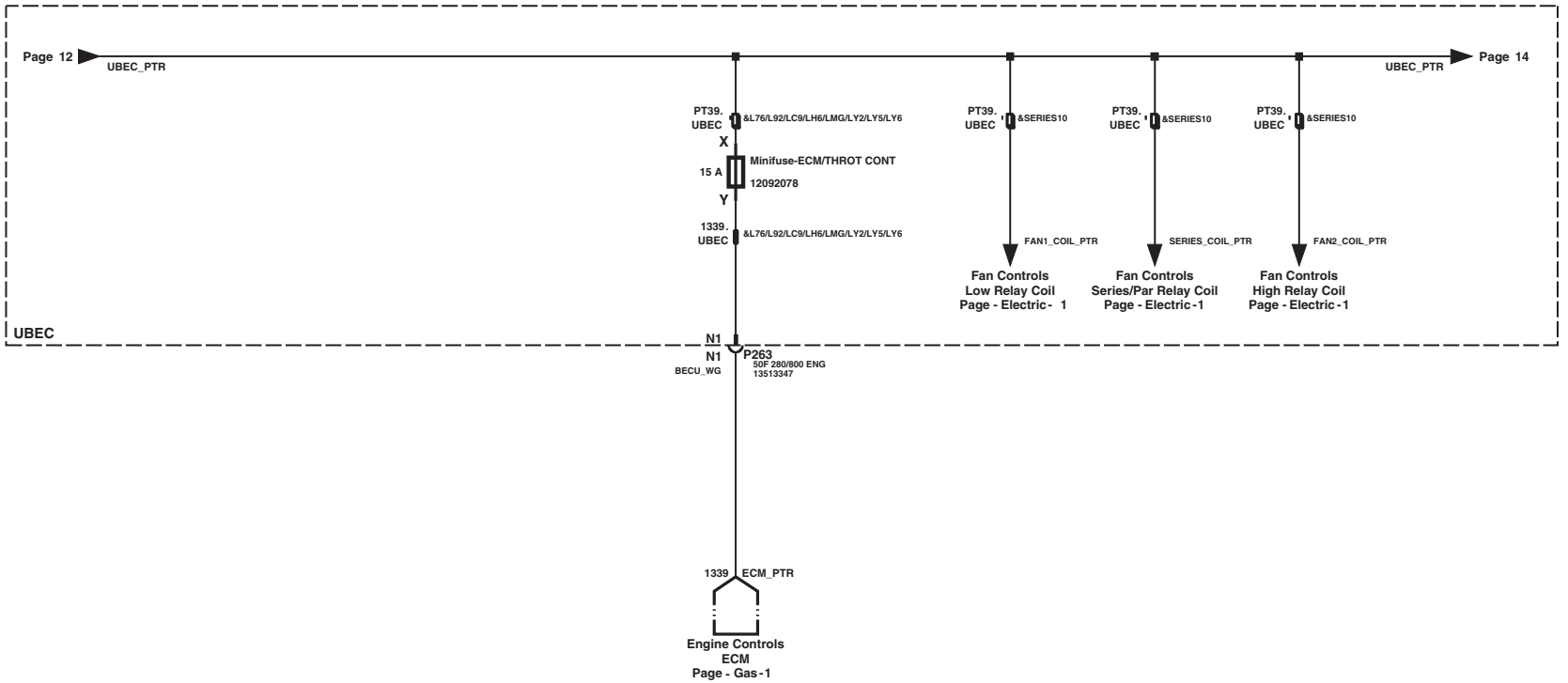
Power Distribution



NOTES
• 2 — THIS IS A DOUBLE CRIMP AT UBEC FOR GAS.

Power Distribution	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	10:29:17 am	ORGANIZATION	USAGE
Preliminary 07 GMT900	1_07_pwr_dist	013	SSF	1			GMT900	GM Proprietary
Panel Set: 12 of 26 schematic sheet1 22	$IVEDWORK/1_07_pwr_dist__013				Monday, January 23, 2006			

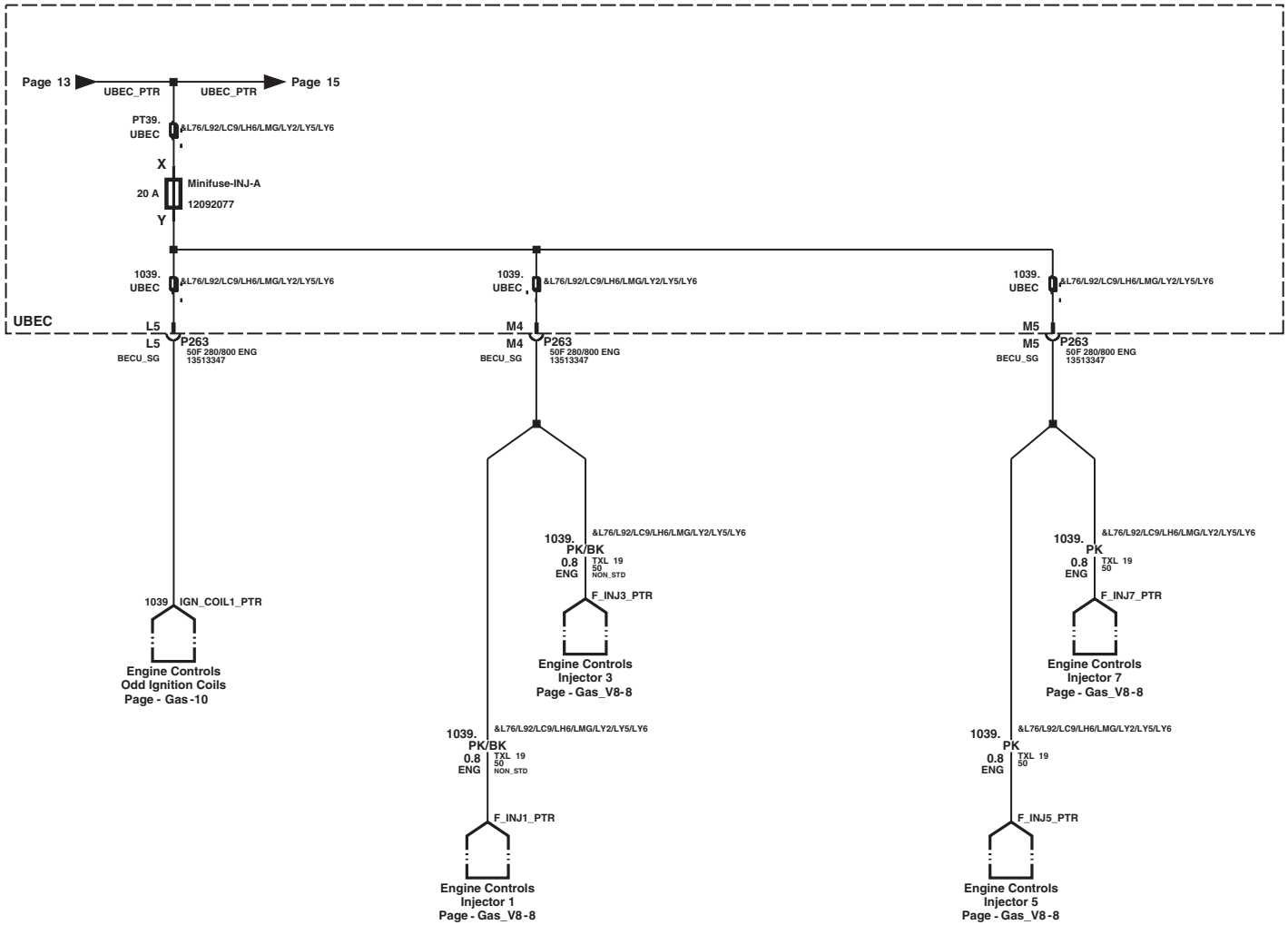
Power Distribution



Power Distribution	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Preliminary 07 GMT900	1_07_pwr_dist	013	SSF	1		10:29:17 am	GMT900	
Panel Set: 13 of 26 schematic sheet1 22	$IVEDWORK/1_07_pwr_dist__013				Monday, January 23, 2006			

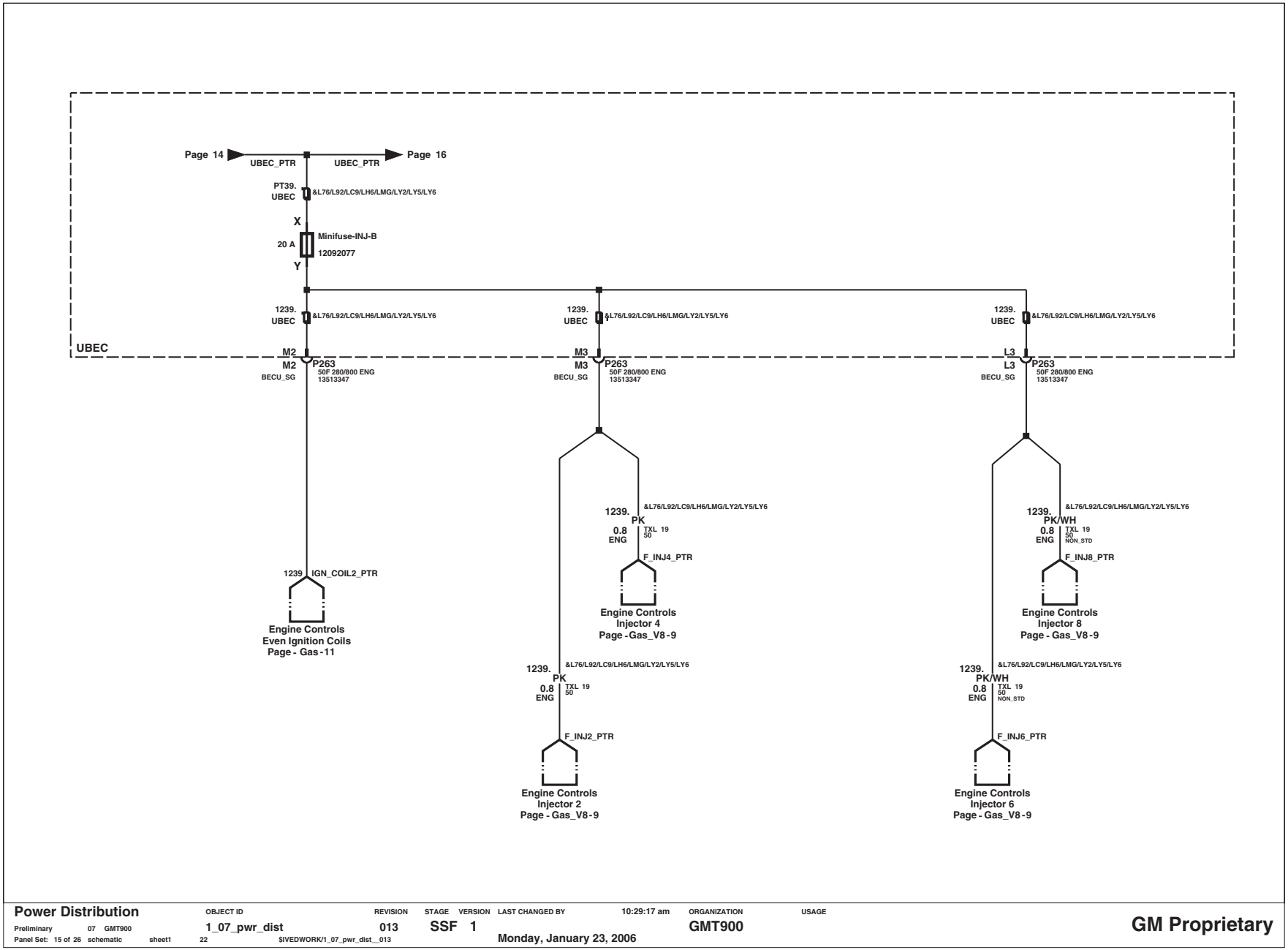
GM Proprietary

Power Distribution



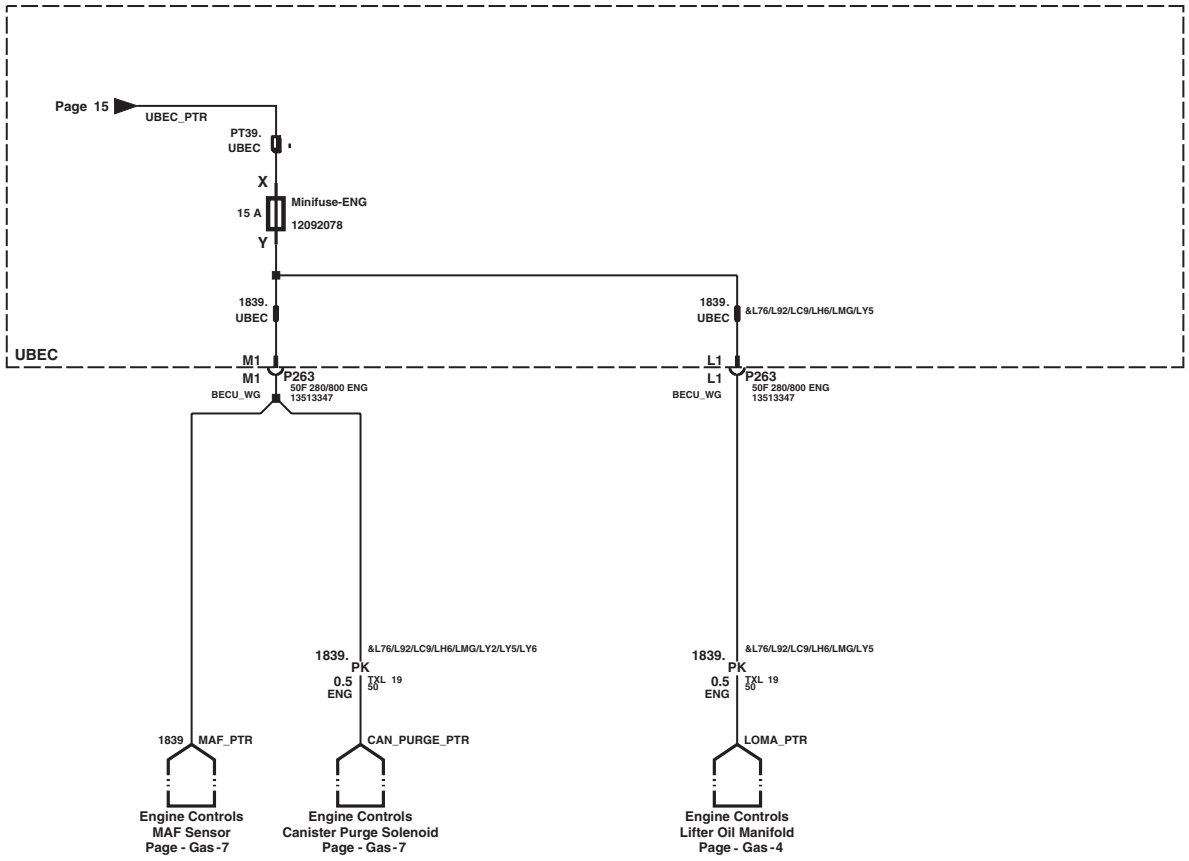
Power Distribution	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	10:29:17 am	ORGANIZATION	USAGE
Preliminary 07 GMT900	1_07_pwr_dist	013	SSF	1			GMT900	GM Proprietary
Panel Set: 14 of 26 schematic sheet1 22	$IVEDWORK/1_07_pwr_dist__013				Monday, January 23, 2006			

Power Distribution



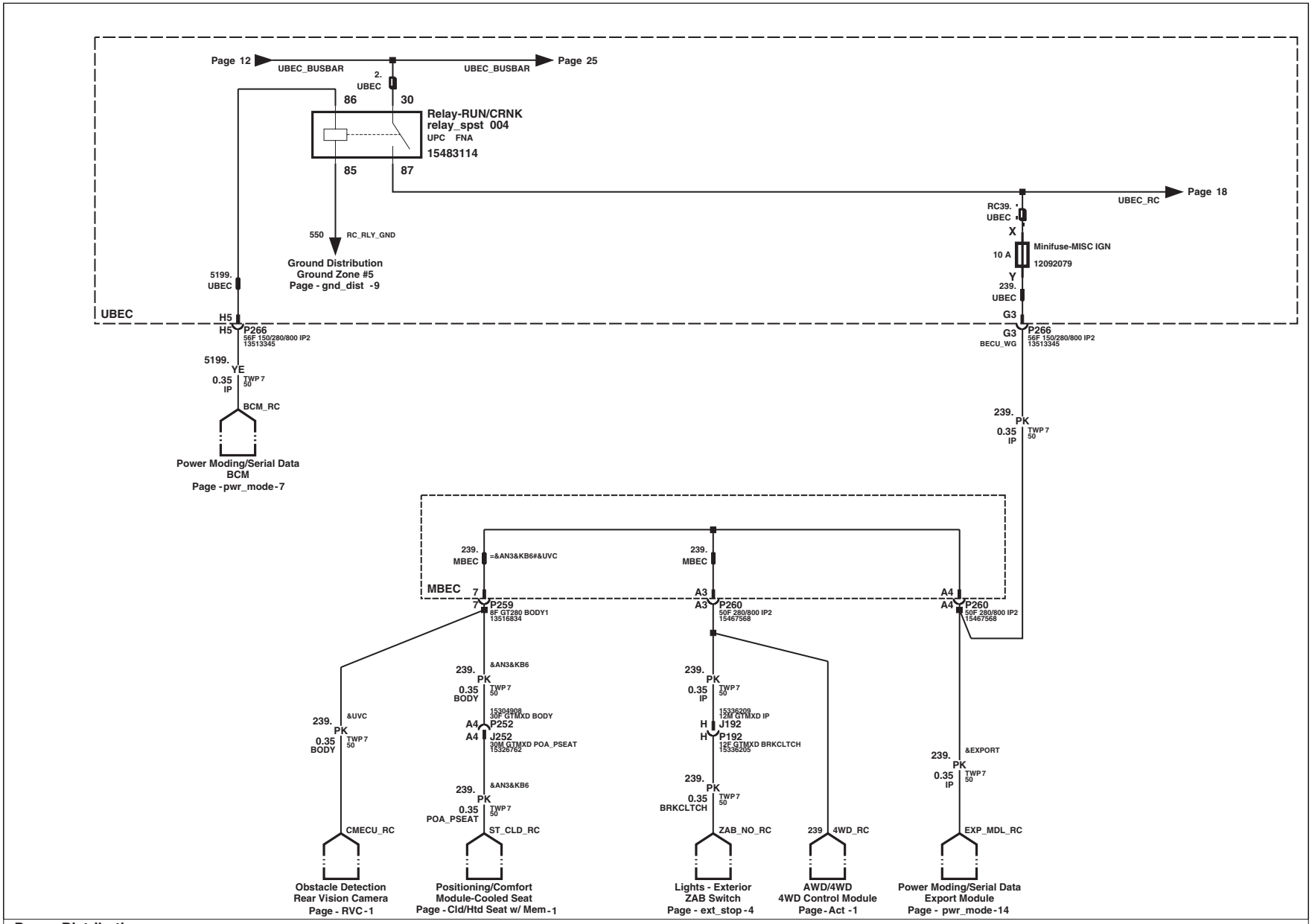
Power Distribution	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	10:29:17 am	ORGANIZATION	USAGE	
Preliminary 07 GMT900	1_07_pwr_dist	013	SSF	1			GMT900		GM Proprietary
Panel Set: 15 of 26 schematic sheet1 22	$IVEDWORK/1_07_pwr_dist__013				Monday, January 23, 2006				

Power Distribution

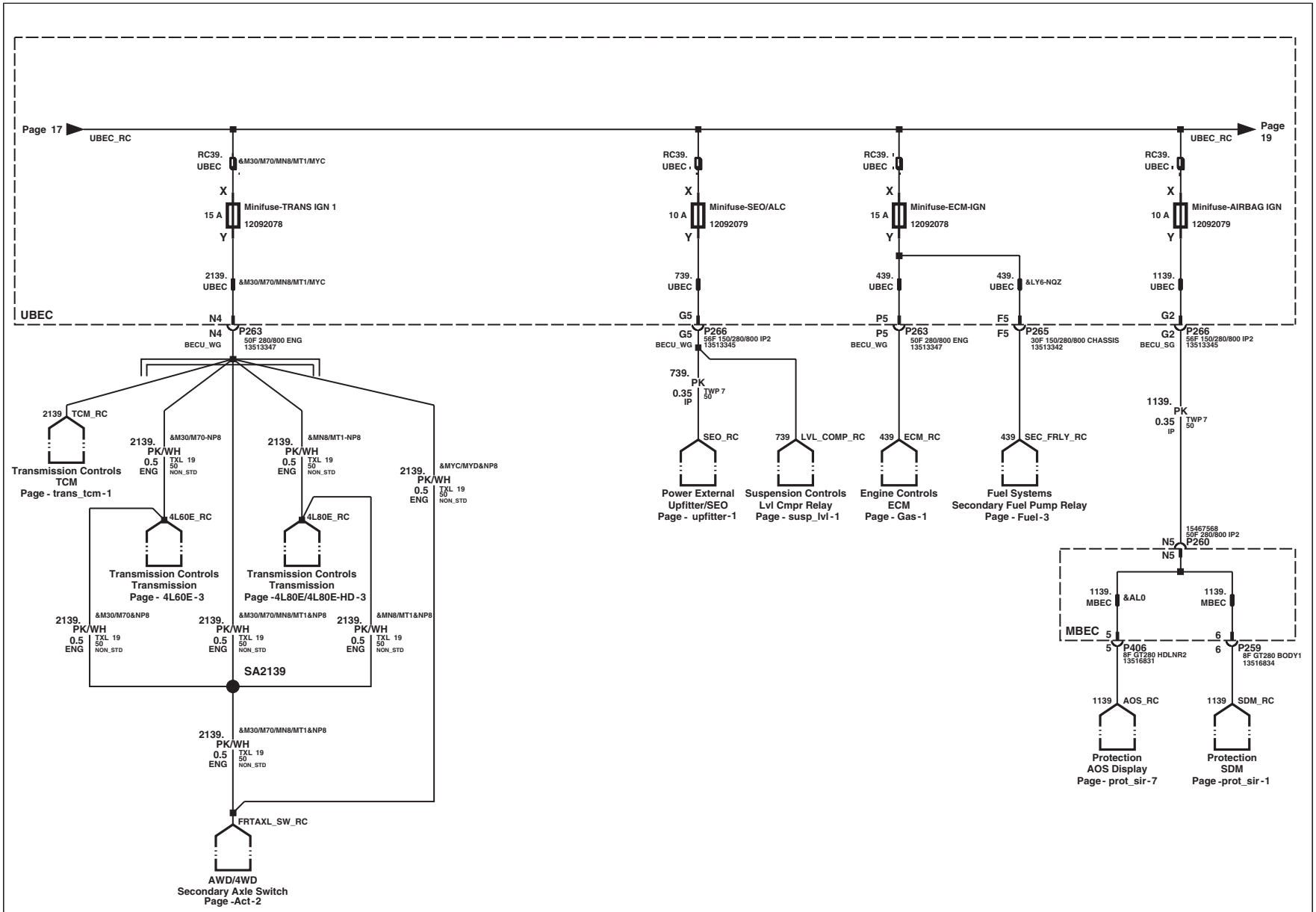


Power Distribution	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Preliminary 07 GMT900	1_07_pwr_dist	013	SSF	1		10:29:17 am	GMT900	GM Proprietary
Panel Set: 16 of 26 schematic sheet1 22	$IVEDWORK/1_07_pwr_dist__013				Monday, January 23, 2006			

Power Distribution

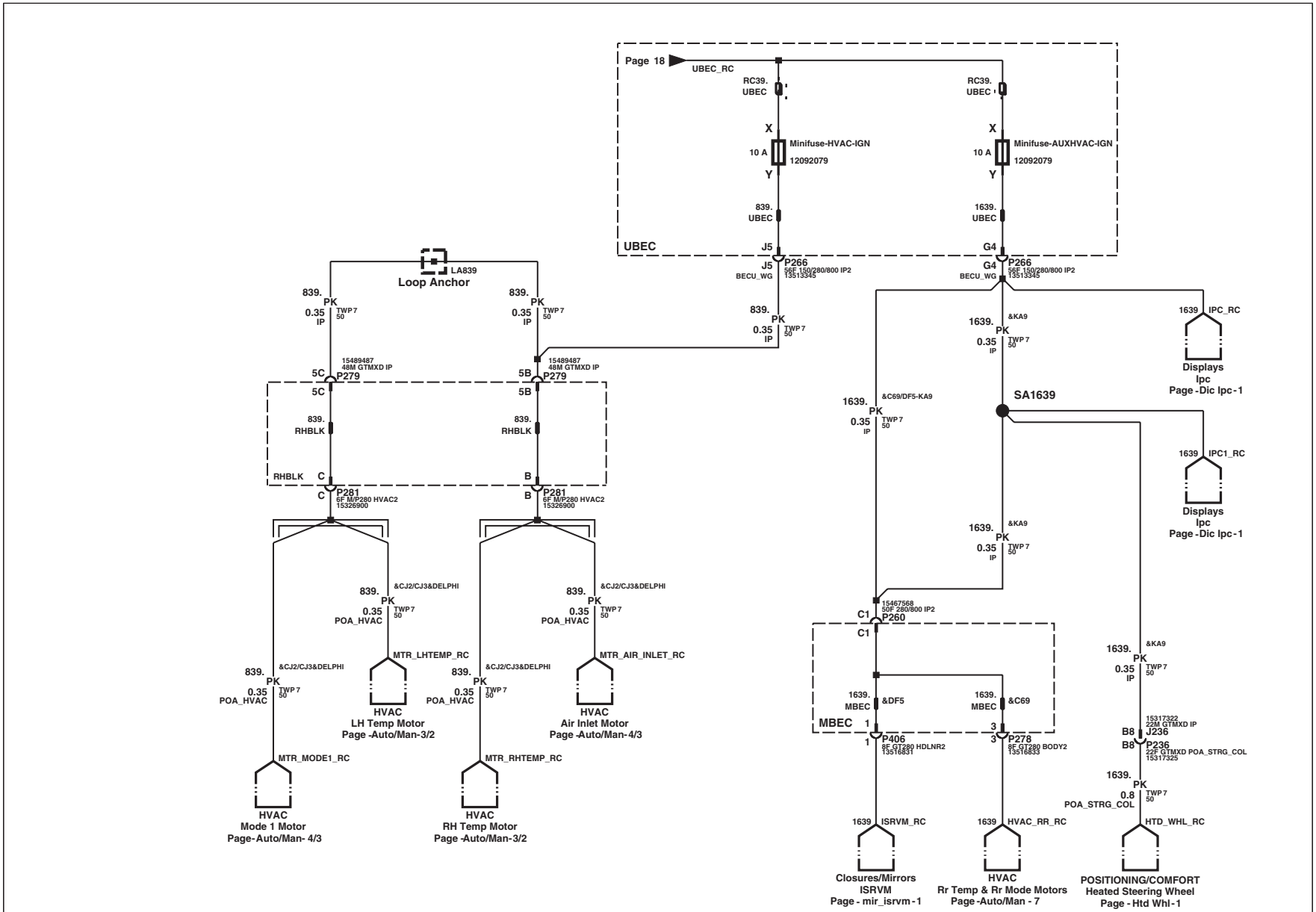


Power Distribution



Power Distribution	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Preliminary 07 GMT900	1_07_pwr_dist	013	SSF	1		10:29:17 am	GMT900	GM Proprietary
Panel Set: 18 of 26 schematic sheet1 22	$IVEDWORK/1_07_pwr_dist__013				Monday, January 23, 2006			

Power Distribution

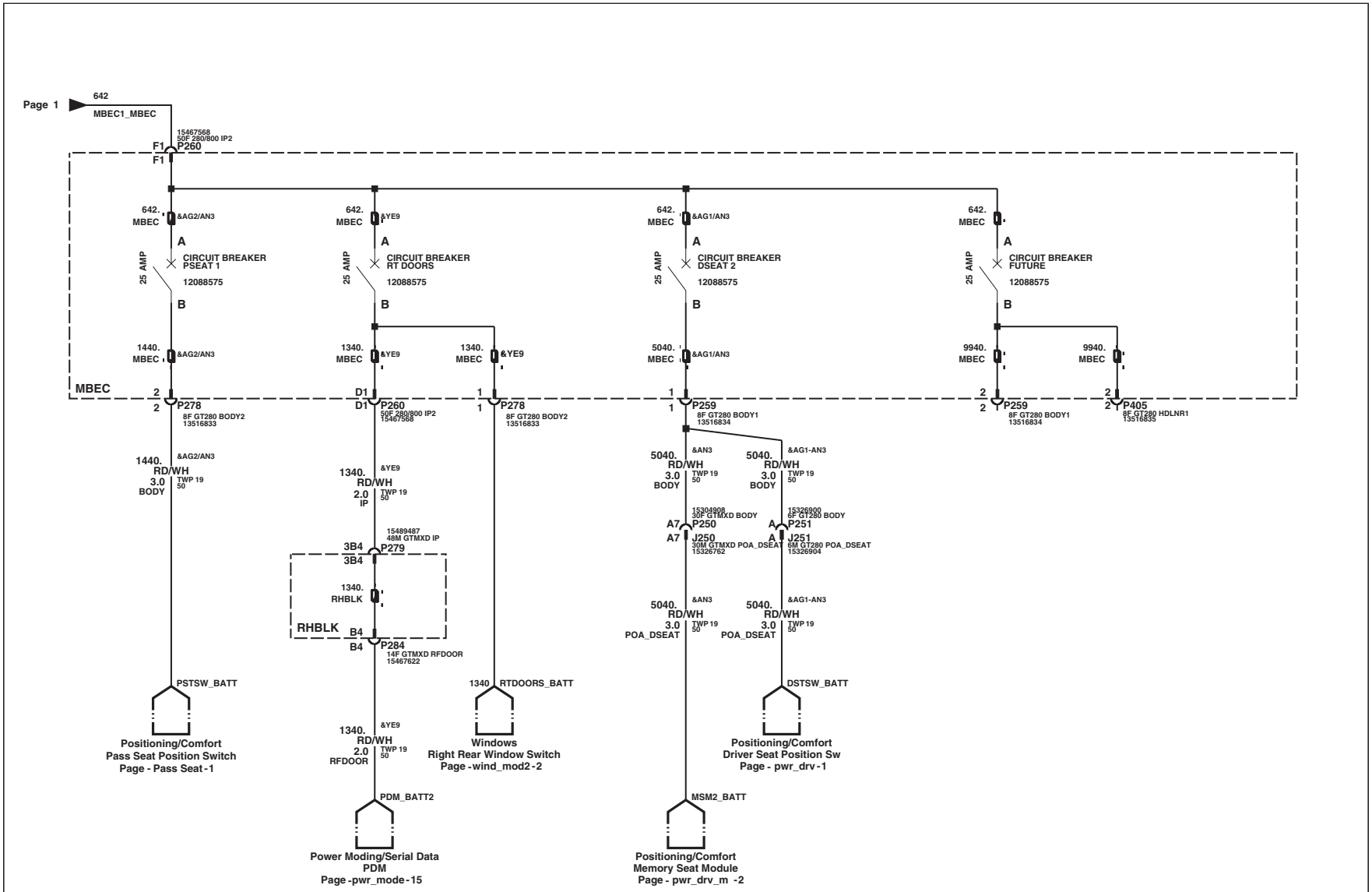


Power Distribution
Preliminary 07 GMT900
Panel Set: 19 of 26 schematic sheet1 22

OBJECT ID: 1_07_pwr_dist
REVISION: 013
STAGE: SSF
VERSION: 1
LAST CHANGED BY:
10:29:17 am
Monday, January 23, 2006
ORGANIZATION: GMT900
USAGE:
$IVEDWORK/1_07_pwr_dist__013

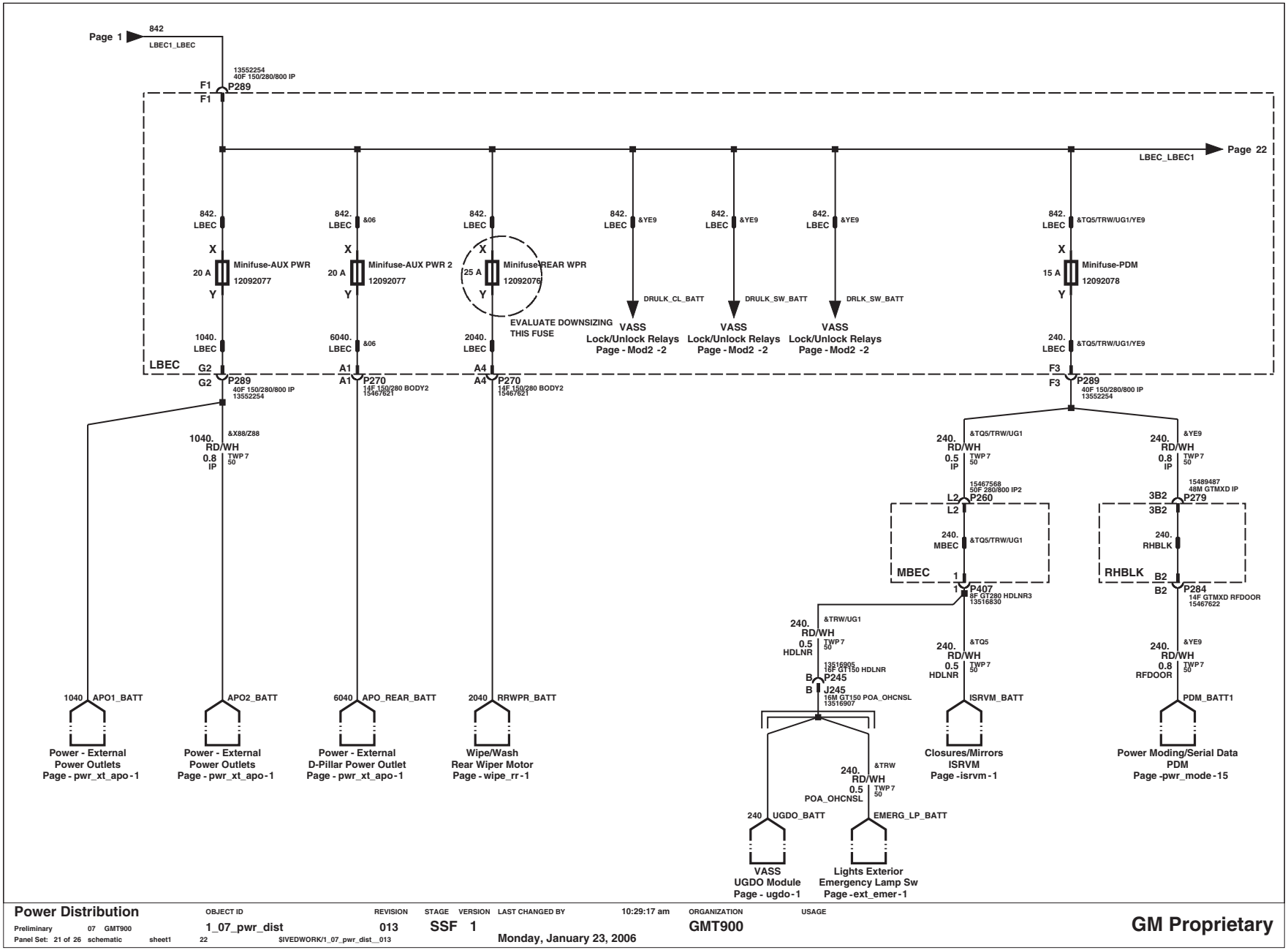
GM Proprietary

Power Distribution

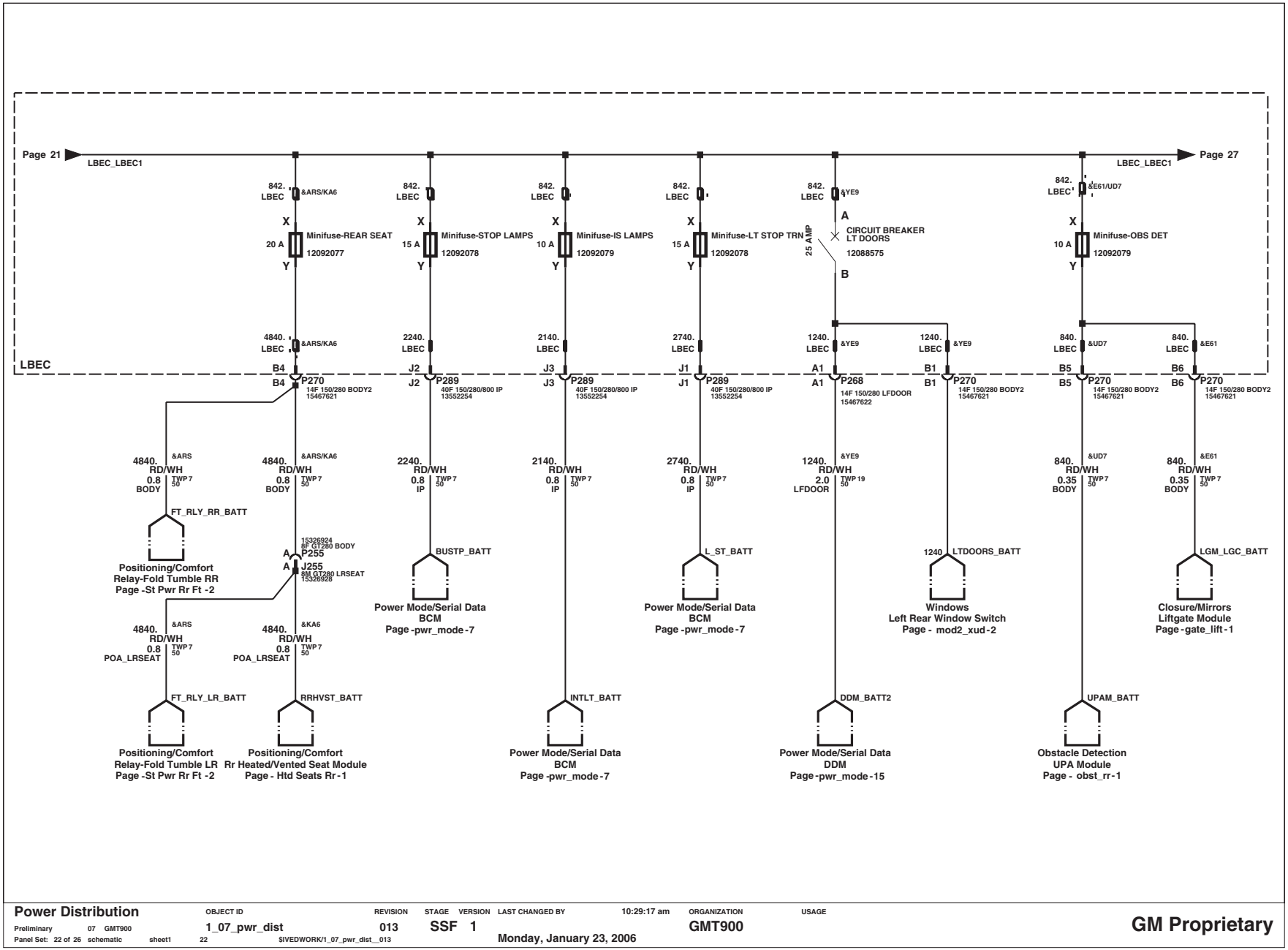


Power Distribution	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Preliminary 07 GMT900	1_07_pwr_dist	013	SSF	1		10:29:17 am	GMT900	GM Proprietary
Panel Set: 20 of 26 schematic sheet1 22	$IVEDWORK/1_07_pwr_dist__013				Monday, January 23, 2006			

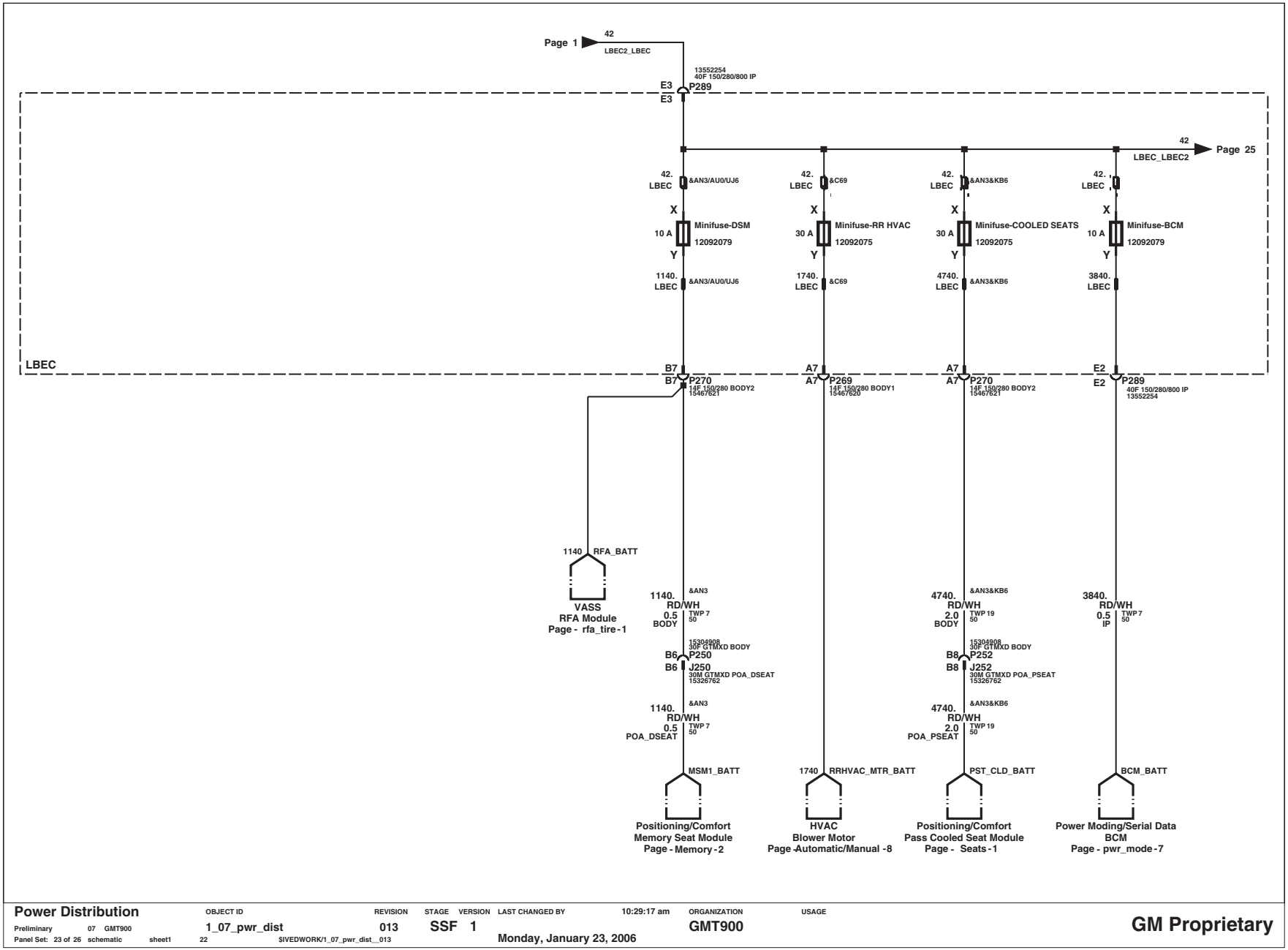
Power Distribution



Power Distribution

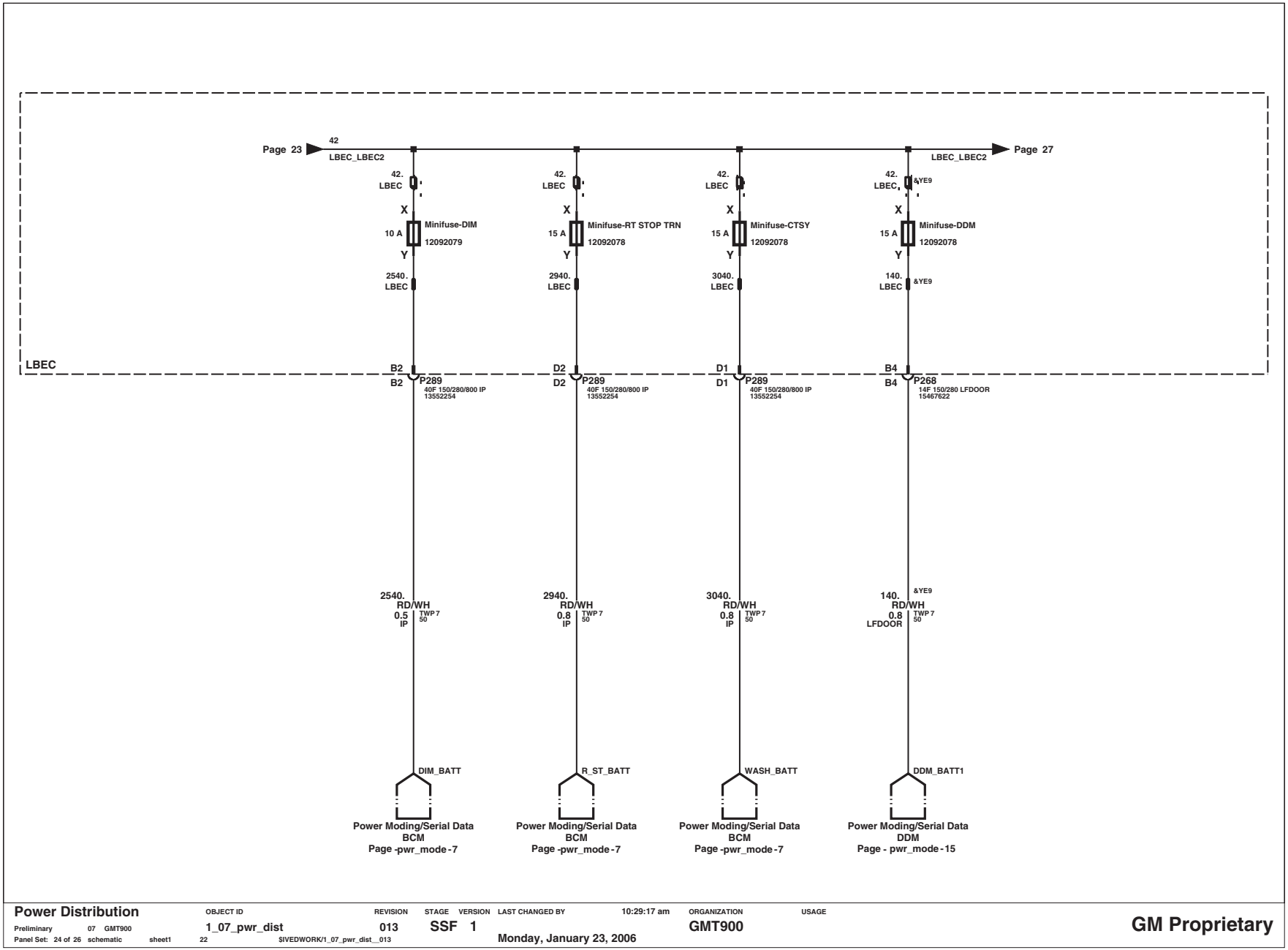


Power Distribution

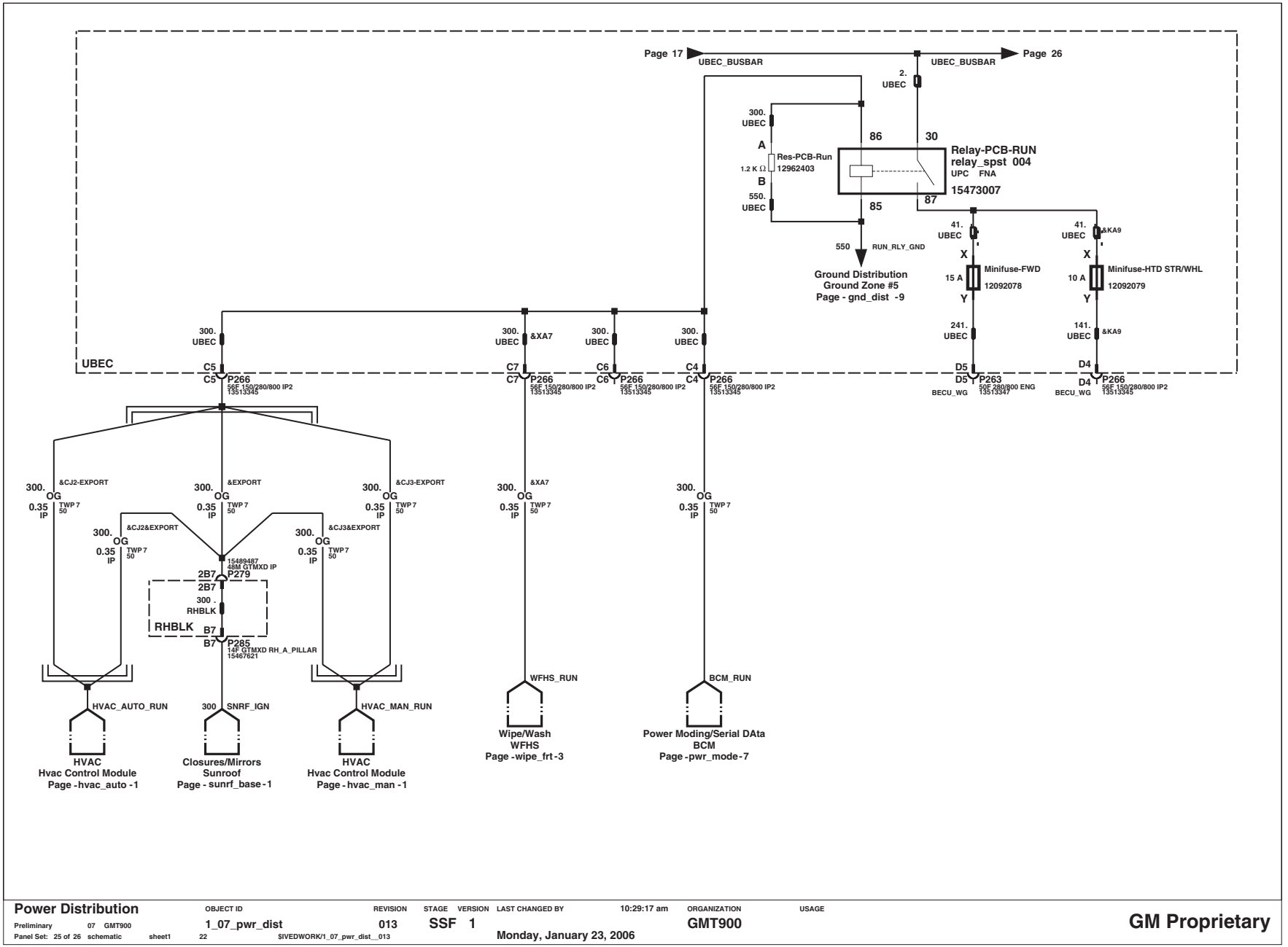


Power Distribution	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Preliminary 07 GMT900	1_07_pwr_dist	013	SSF	1		10:29:17 am	GMT900	GM Proprietary
Panel Set: 23 of 26 schematic sheet1 22	$IVEDWORK/1_07_pwr_dist__013				Monday, January 23, 2006			

Power Distribution

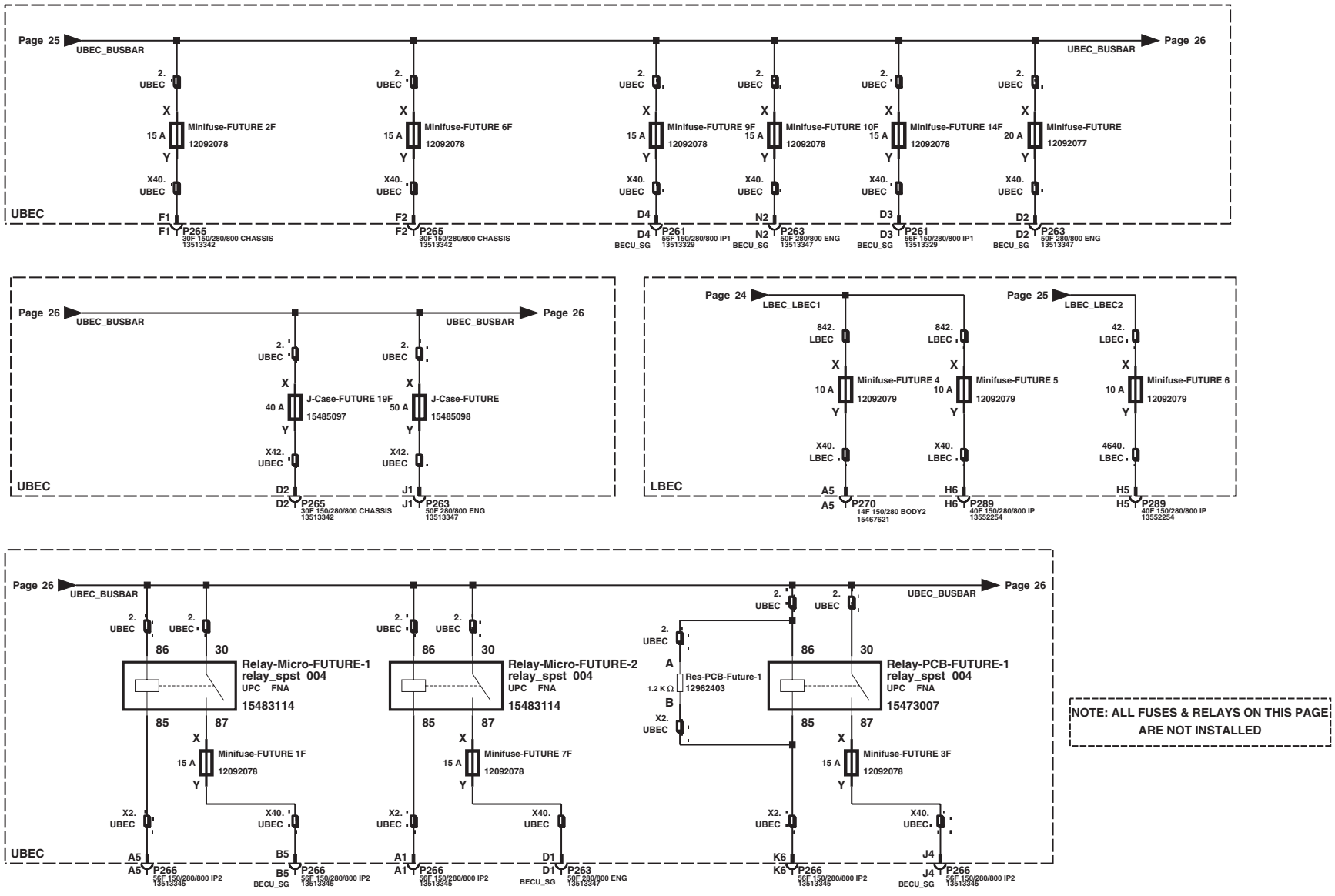


Power Distribution



Power Distribution	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Preliminary 07 GMT900	1_07_pwr_dist	013	SSF	1		10:29:17 am	GMT900	GM Proprietary
Panel Set: 25 of 26 schematic sheet1 22	$IVEDWORK/1_07_pwr_dist__013				Monday, January 23, 2006			

Power Distribution

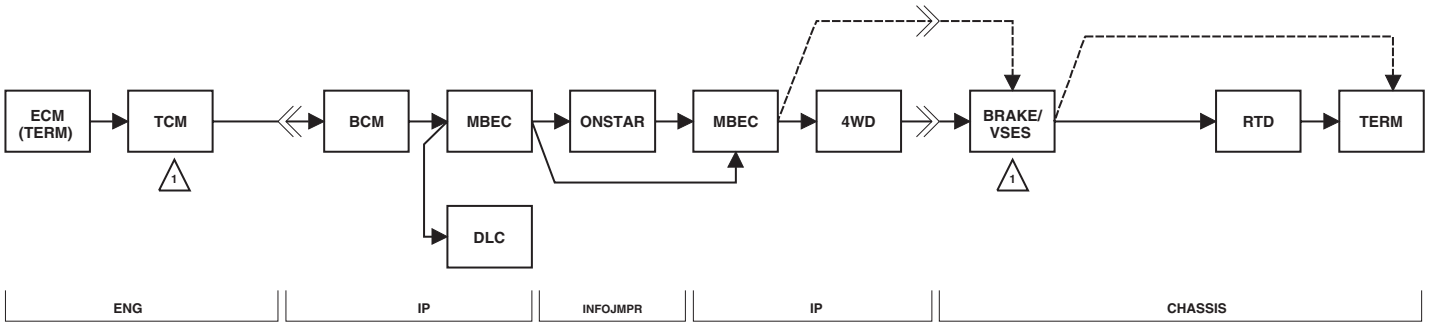


NOTE: ALL FUSES & RELAYS ON THIS PAGE ARE NOT INSTALLED

Power Distribution	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE	
Preliminary 07 GMT900	1_07_pwr_dist	013	SSF	1		10:29:17 am	GMT900		GM Proprietary
Panel Set: 26 of 26 schematic sheet1 22	$IVEDWORK/1_07_pwr_dist__013				Monday, January 23, 2006				

Power Moding/Serial Data

•OPTIONAL GM HIGH SPEED LAN CONNECTIVITY



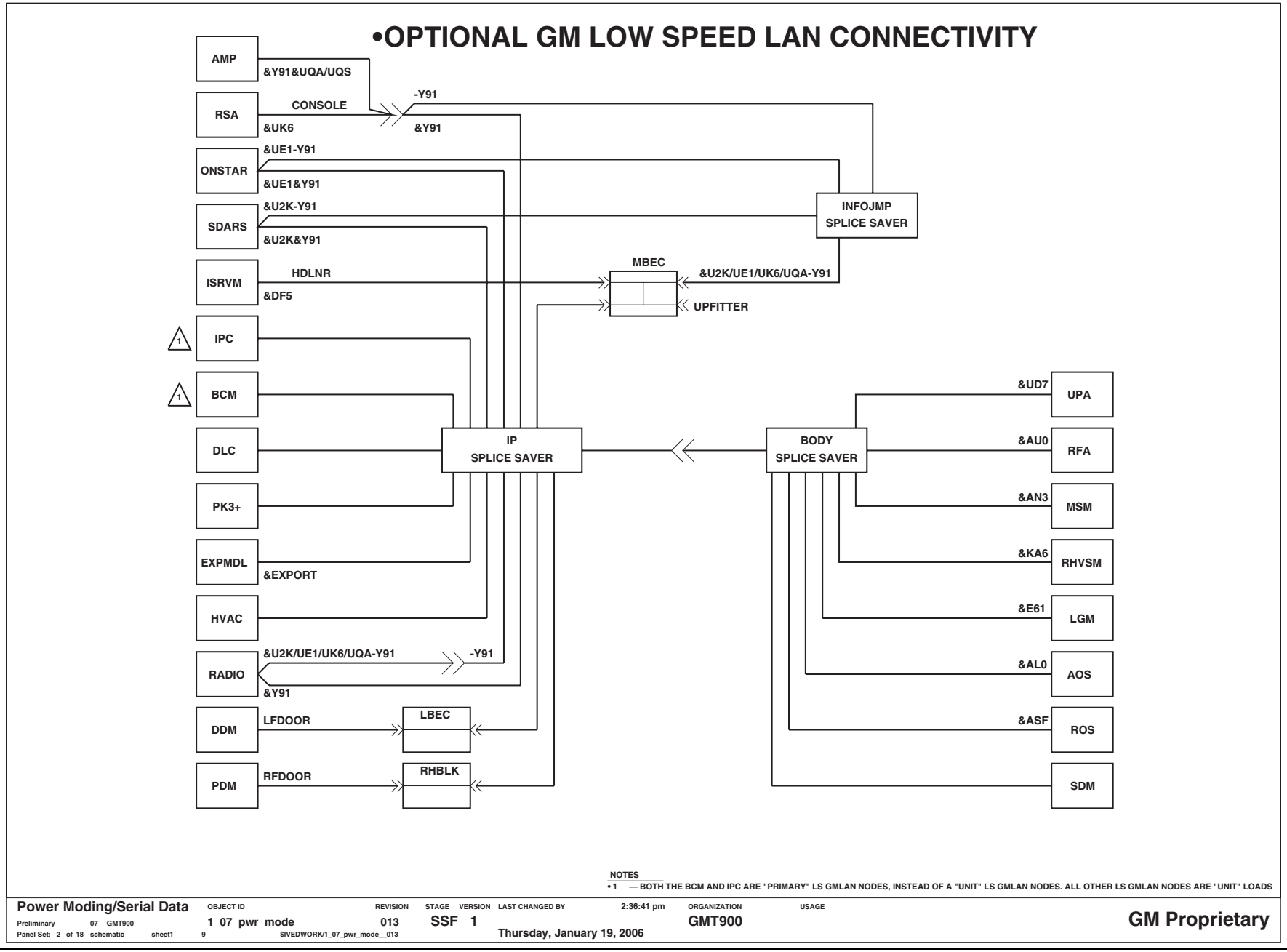
NOTES

• 1 — THERE ARE MULTIPLE VERSIONS OF THE TCM AND BRAKE/VSES MODULE — USED ON GMT900, DEPENDING UPON BUILD CONFIGURATION.

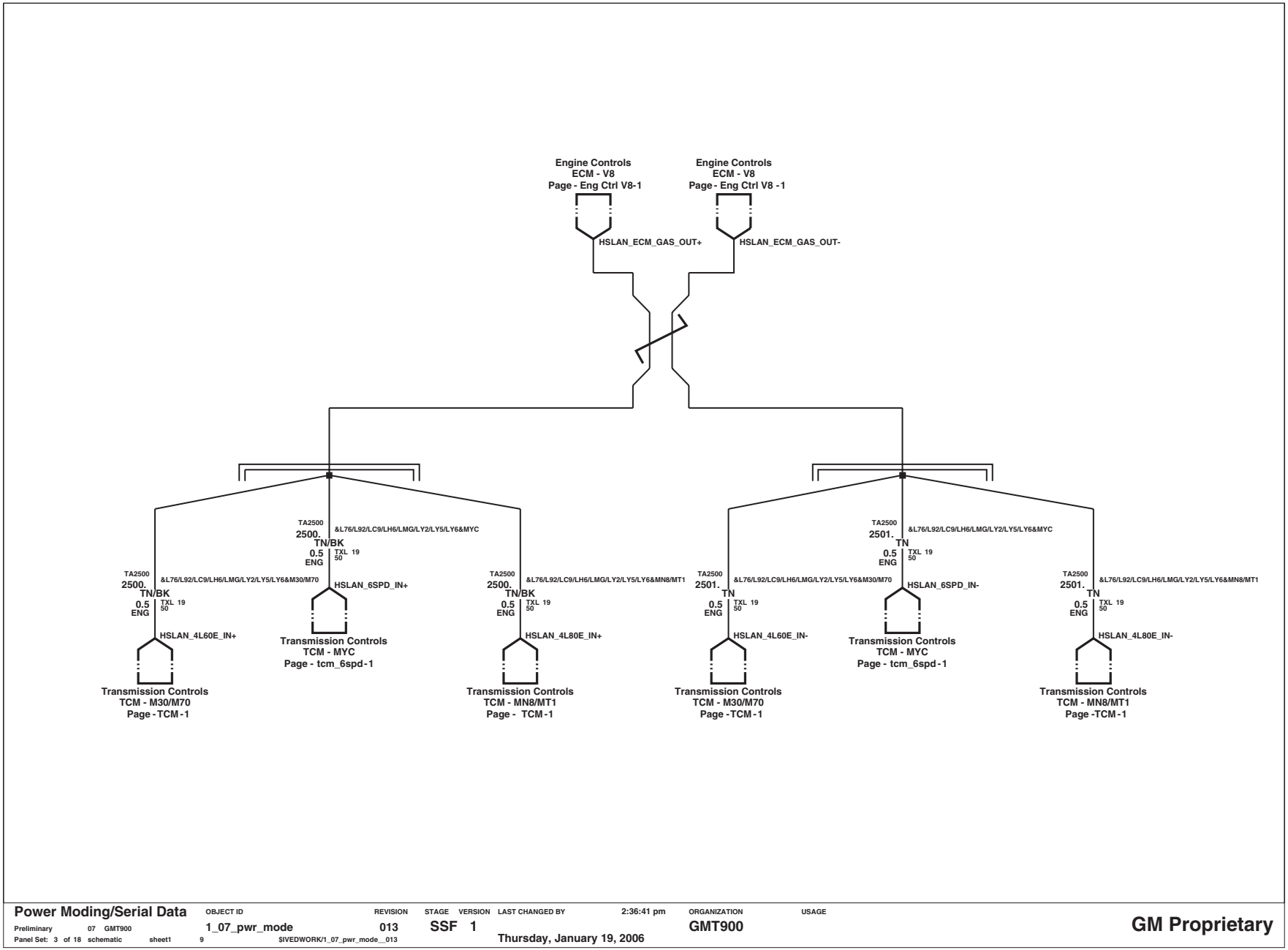
• — MODULES ARE SHOWN IN TYPICAL CONNECTIVITY ORDER. IF A GIVEN MODULE — IS NOT PRESENT, MODULES ON EITHER SIDE CONNECT DIRECTLY.

Power Moding/Serial Data	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	2:36:41 pm	ORGANIZATION	USAGE	
Preliminary 07 GMT900	1_07_pwr_mode	013	SSF	1			GMT900		GM Proprietary
Panel Set: 1 of 18 schematic sheet1 9	$IVEDWORK/1_07_pwr_mode__013				Thursday, January 19, 2006				

Power Moding/Serial Data

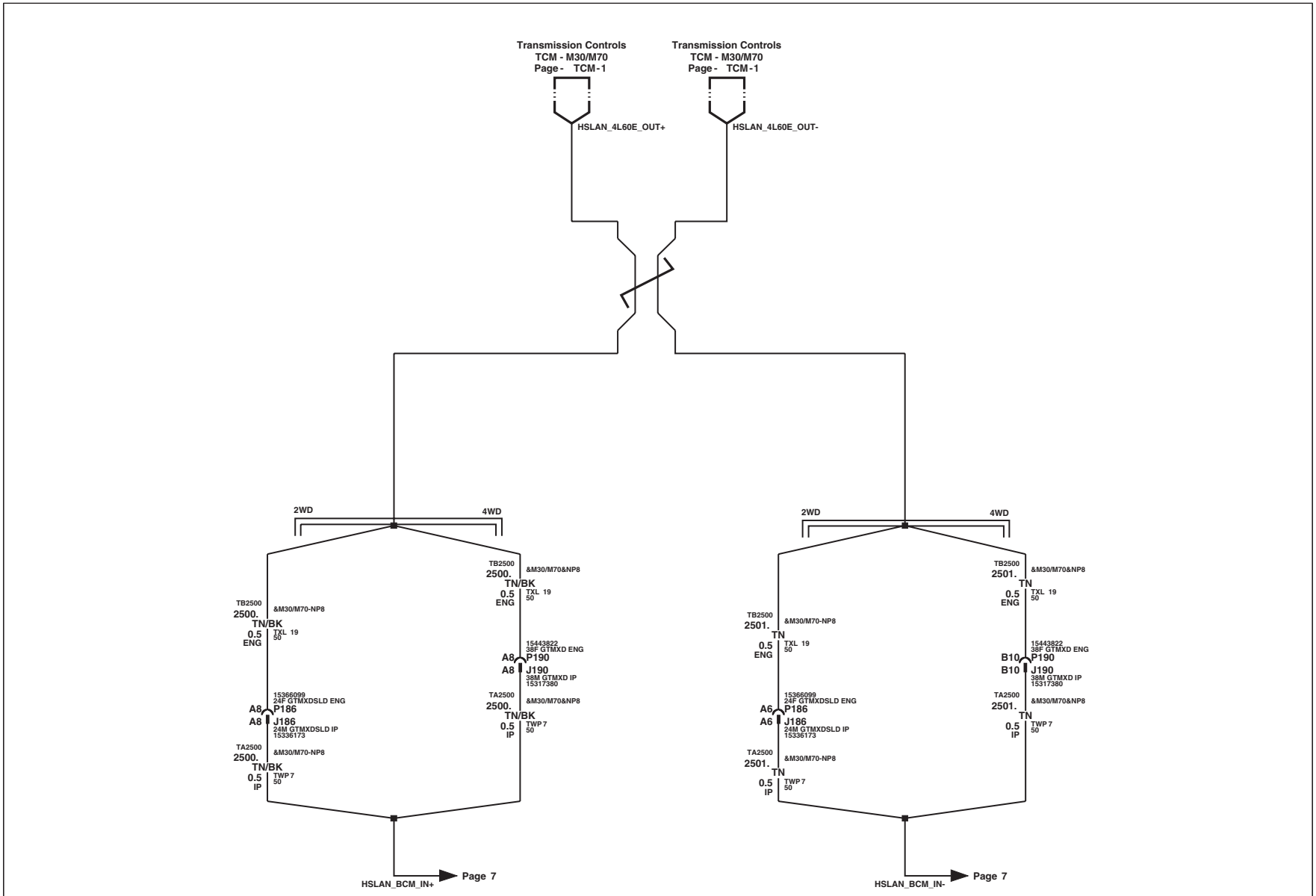


Power Moding/Serial Data



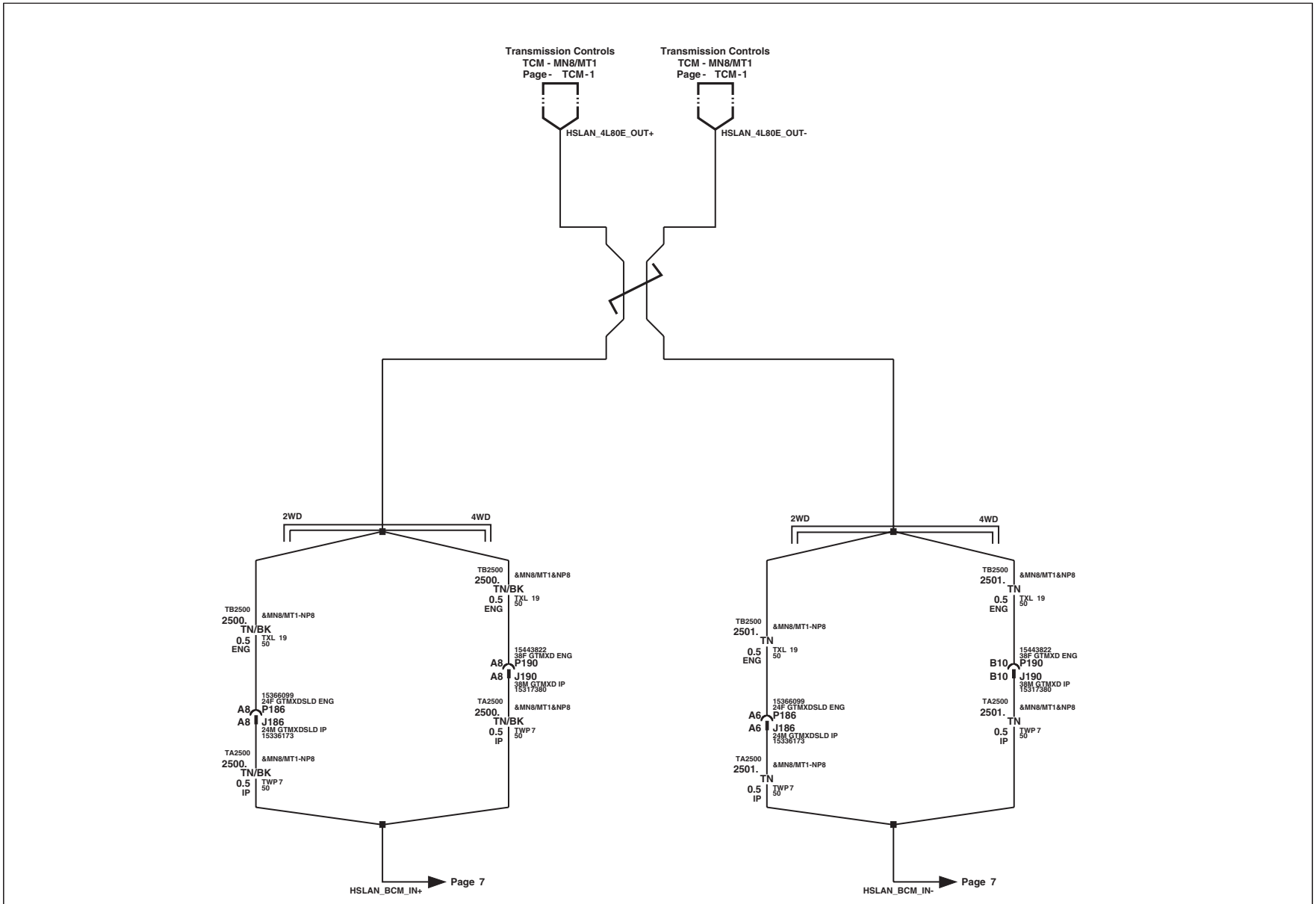
Power Moding/Serial Data	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Preliminary 07 GMT900	1_07_pwr_mode	013	SSF	1		2:36:41 pm	GMT900	GM Proprietary
Panel Set: 3 of 18 schematic sheet1 9	$IVEDWORK/1_07_pwr_mode__013				Thursday, January 19, 2006			

Power Moding/Serial Data



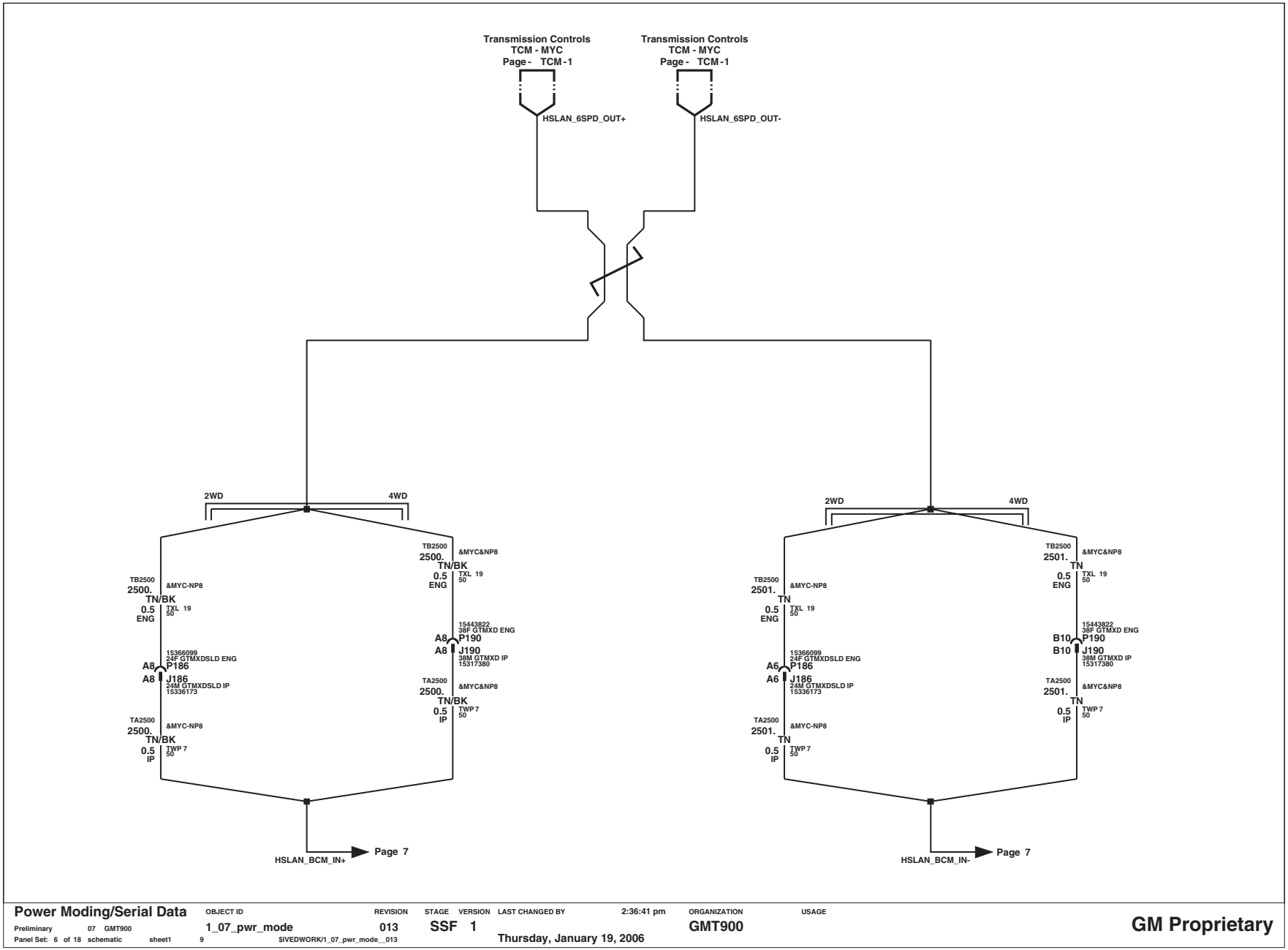
Power Moding/Serial Data	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Preliminary 07 GMT900	1_07_pwr_mode	013	SSF	1		2:36:41 pm	GMT900	GM Proprietary
Panel Set: 4 of 18 schematic sheet1 9	$IVEDWORK/1_07_pwr_mode__013				Thursday, January 19, 2006			

Power Moding/Serial Data



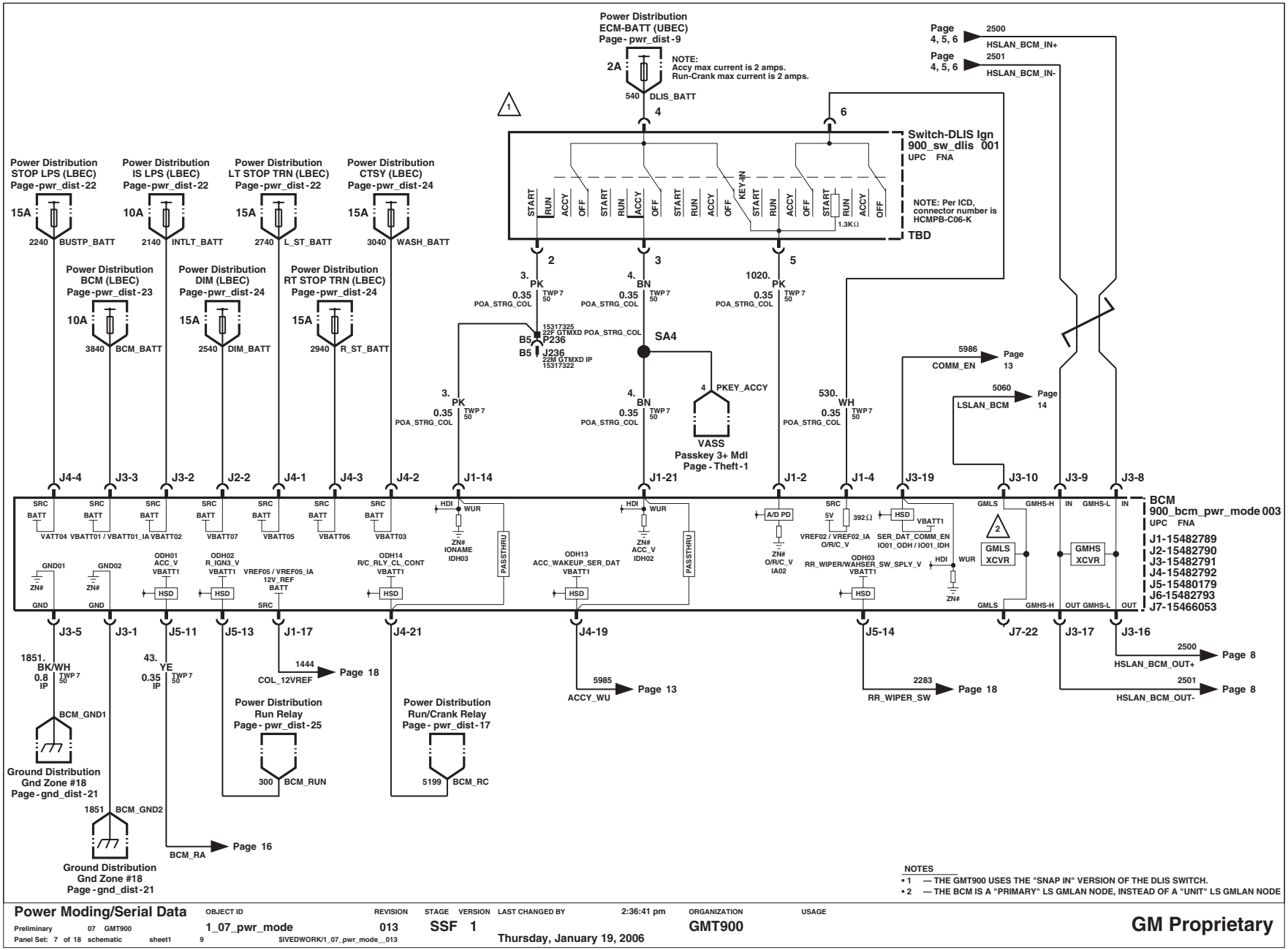
Power Moding/Serial Data	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Preliminary 07 GMT900	1_07_pwr_mode	013	SSF	1		2:36:41 pm	GMT900	GM Proprietary
Panel Set: 5 of 18 schematic sheet1 9	$IVEDWORK/1_07_pwr_mode__013				Thursday, January 19, 2006			

Power Moding/Serial Data

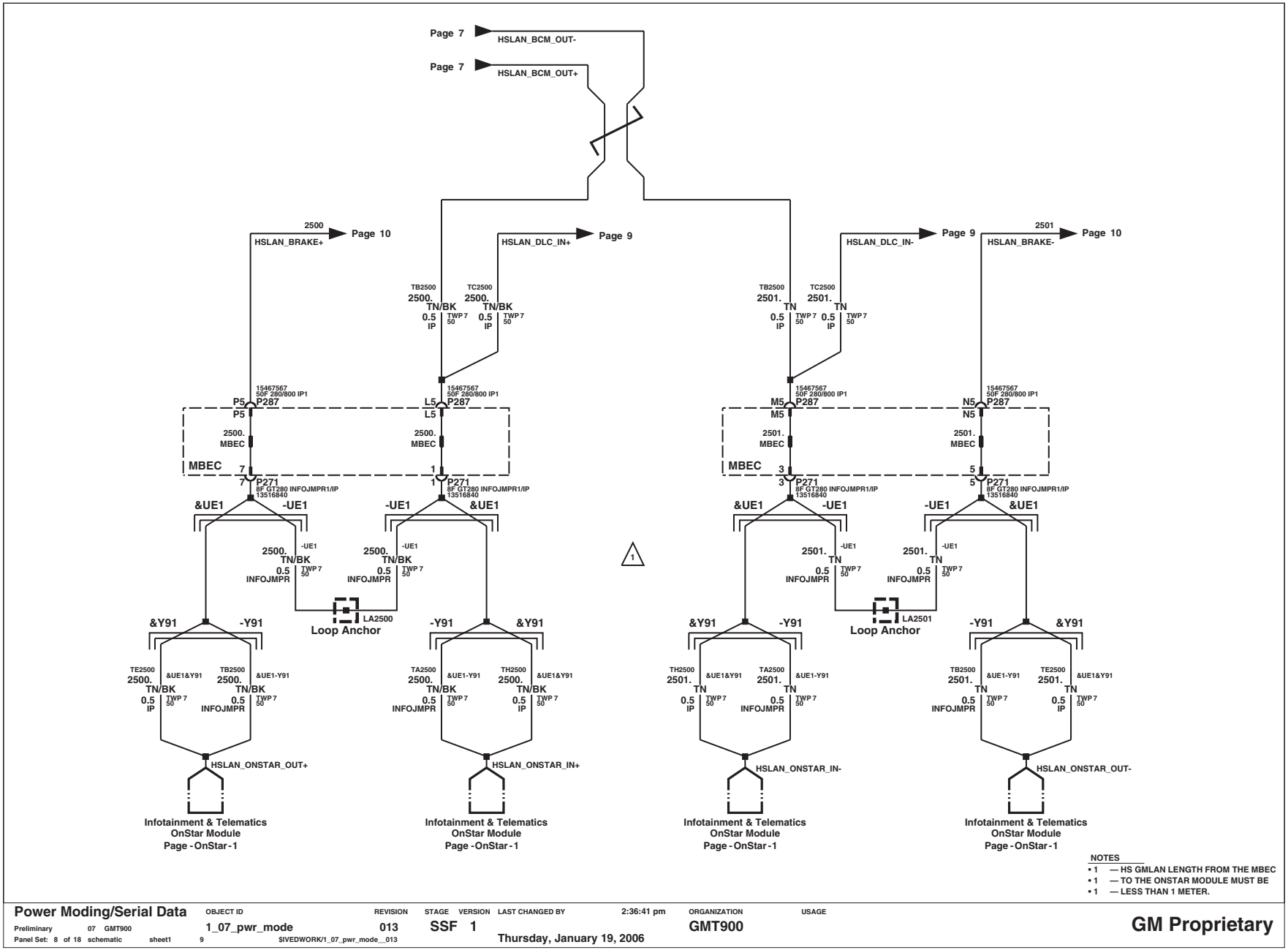


Power Moding/Serial Data	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Preliminary 07 GMT900	1_07_pwr_mode	013	SSF	1		2:36:41 pm	GMT900	GM Proprietary
Panel Set: 6 of 18 schematic sheet1 9	$IVEDWORK/1_07_pwr_mode__013				Thursday, January 19, 2006			

Power Moding/Serial Data



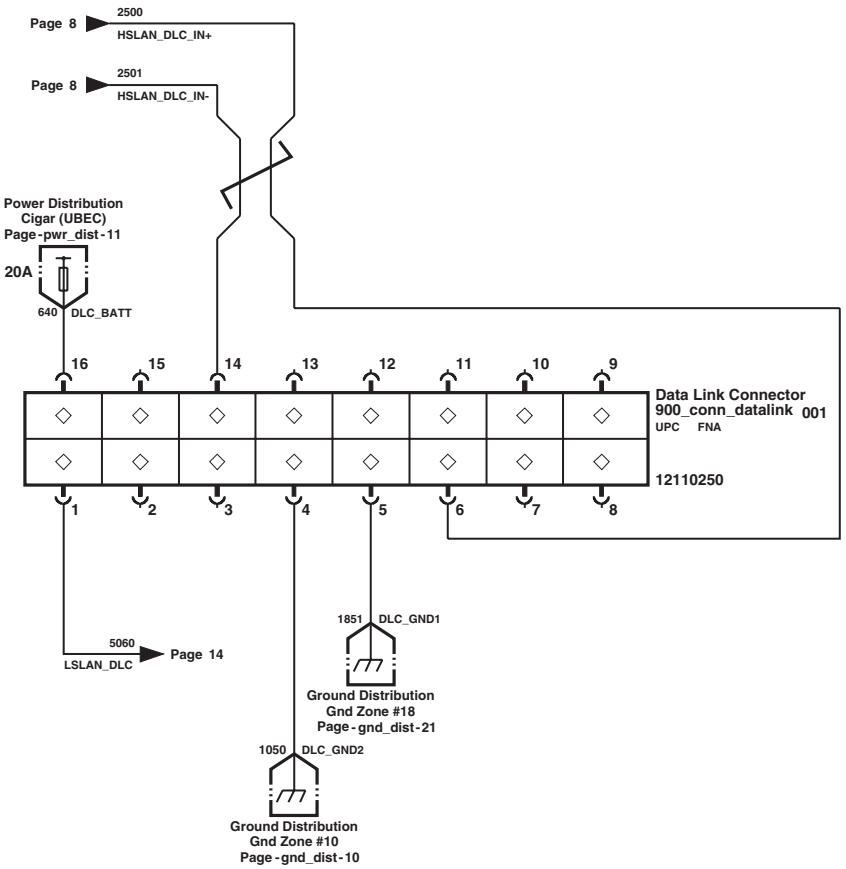
Power Moding/Serial Data



NOTES
- 1 — HS GMLAN LENGTH FROM THE MBEC TO THE ONSTAR MODULE MUST BE LESS THAN 1 METER.

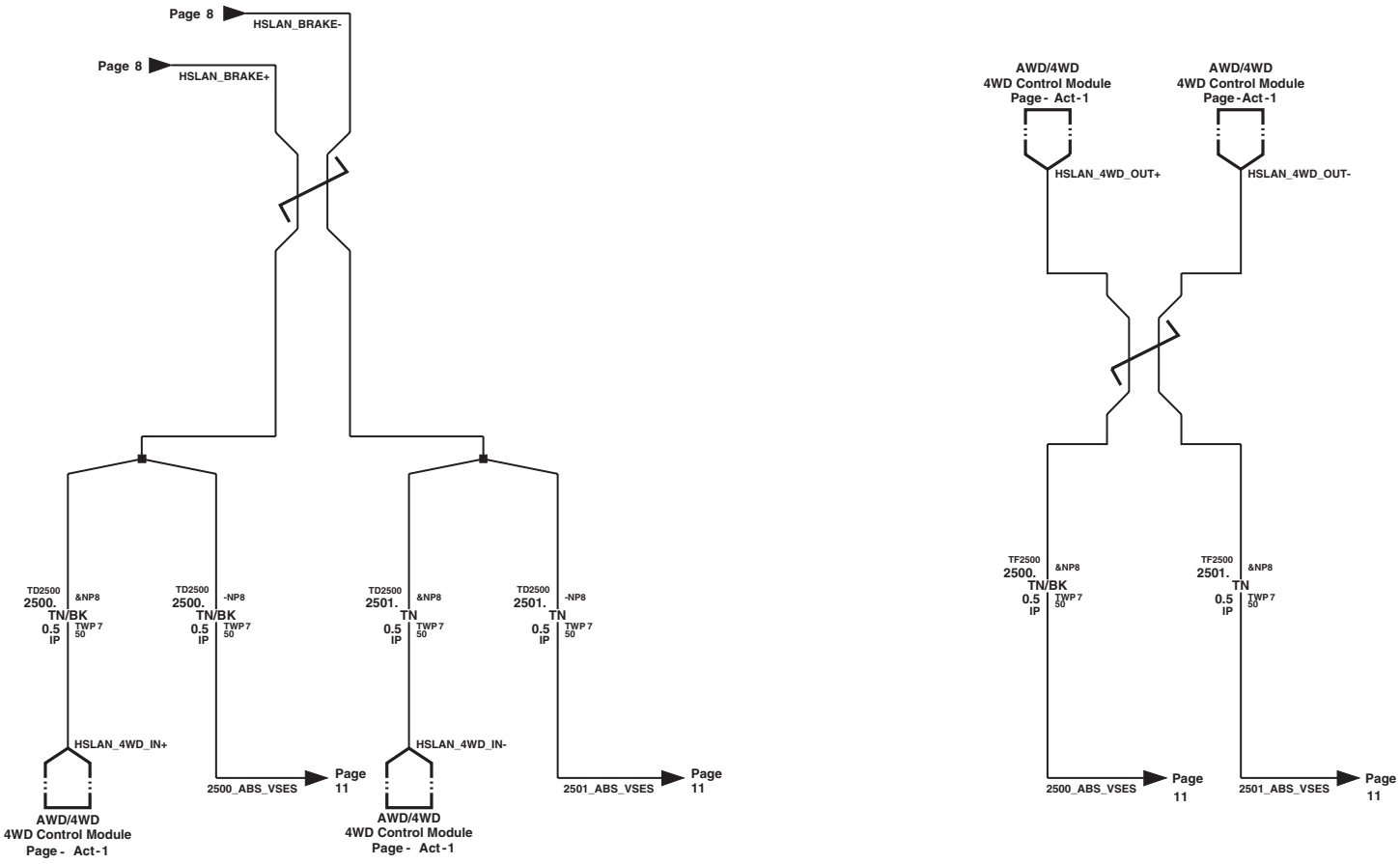
Power Moding/Serial Data	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Preliminary 07 GMT900	1_07_pwr_mode	013	SSF	1		2:36:41 pm	GMT900	GM Proprietary
Panel Set: 8 of 18 schematic sheet1 9	$IVEDWORK/1_07_pwr_mode__013				Thursday, January 19, 2006			

Power Moding/Serial Data



Power Moding/Serial Data	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Preliminary 07 GMT900	1_07_pwr_mode	013	SSF	1		2:36:41 pm	GMT900	GM Proprietary
Panel Set: 9 of 18 schematic sheet1 9	$IVEDWORK/1_07_pwr_mode__013				Thursday, January 19, 2006			

Power Moding/Serial Data



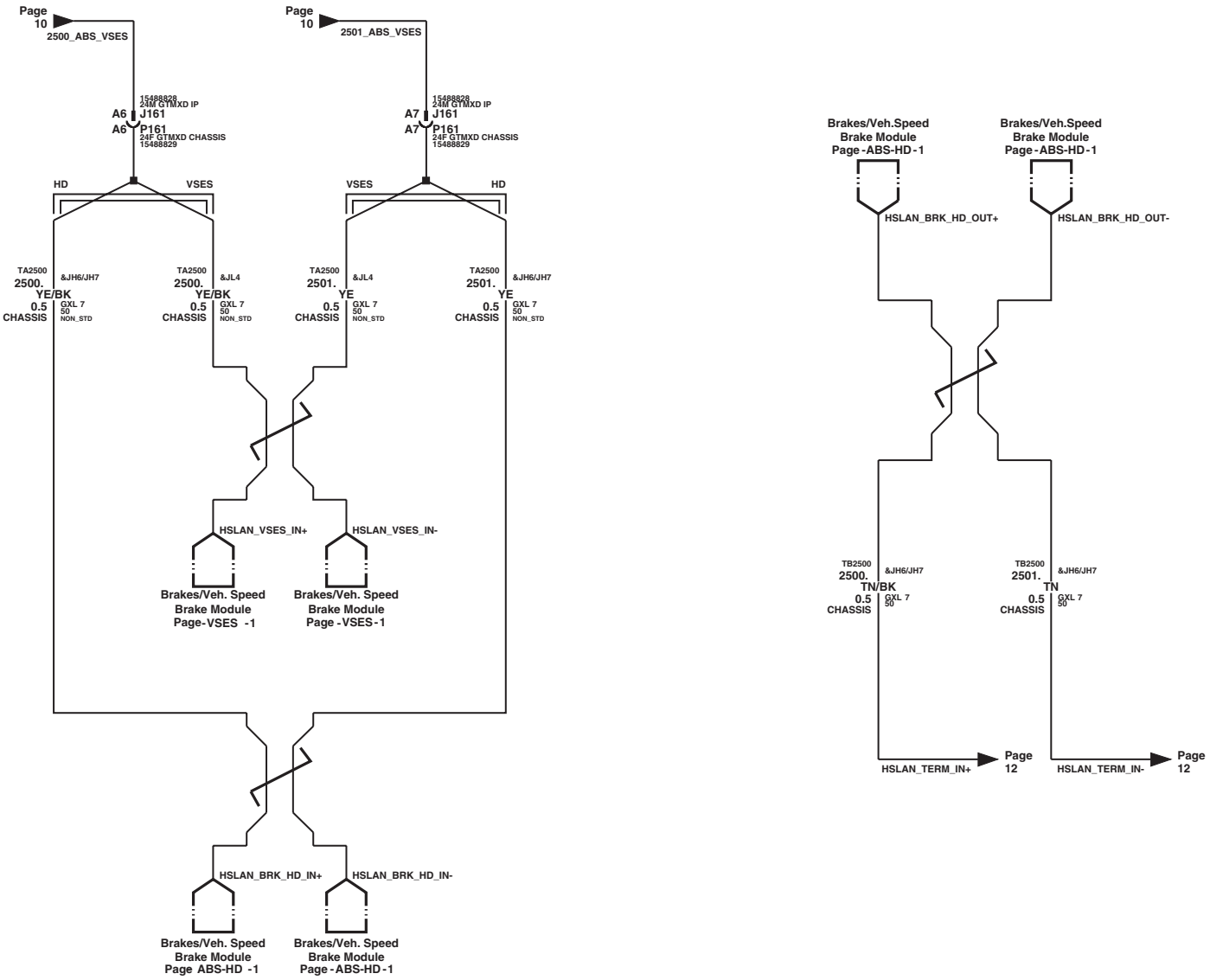
Power Moding/Serial Data OBJECT ID REVISION STAGE VERSION LAST CHANGED BY 2:36:41 pm ORGANIZATION USAGE

Preliminary 07 GMT900 1_07_pwr_mode 013 SSF 1 GMT900

Panel Set: 10 of 18 schematic sheet1 9 $IVEDWORK/1_07_pwr_mode__013 Thursday, January 19, 2006

GM Proprietary

Power Moding/Serial Data

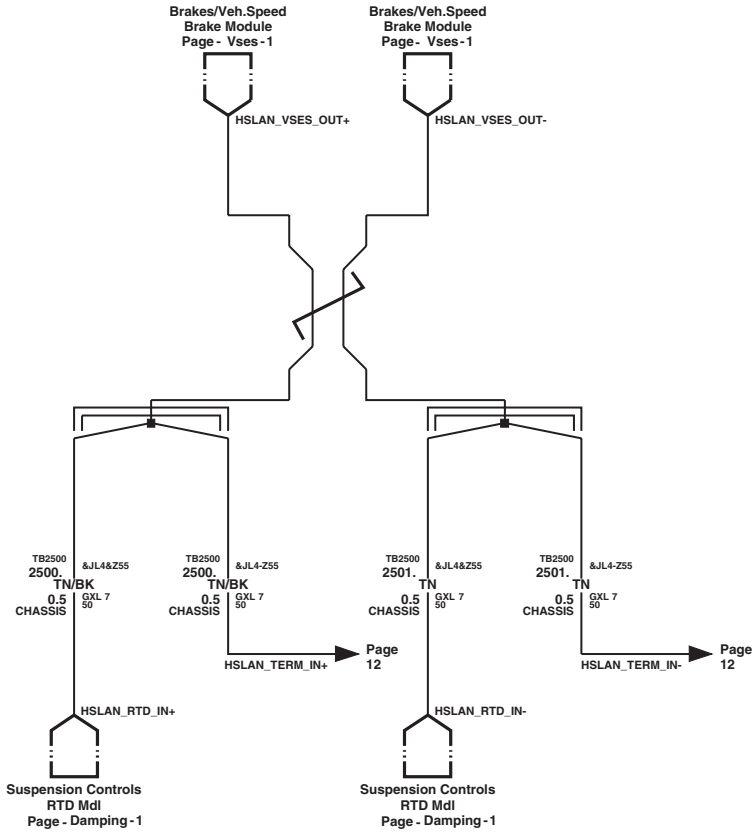


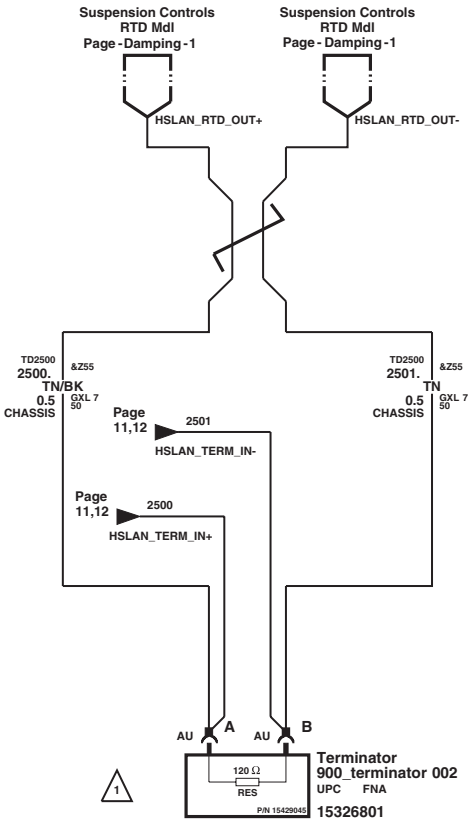
Power Moding/Serial Data OBJECT ID 1_07_pwr_mode REVISION 013 STAGE SSF VERSION 1 LAST CHANGED BY 2:36:41 pm ORGANIZATION GMT900 USAGE

Preliminary 07 GMT900 Panel Set: 11 of 18 schematic sheet1 9 $IVEDWORK/1_07_pwr_mode__013 Thursday, January 19, 2006

GM Proprietary

Power Moding/Serial Data

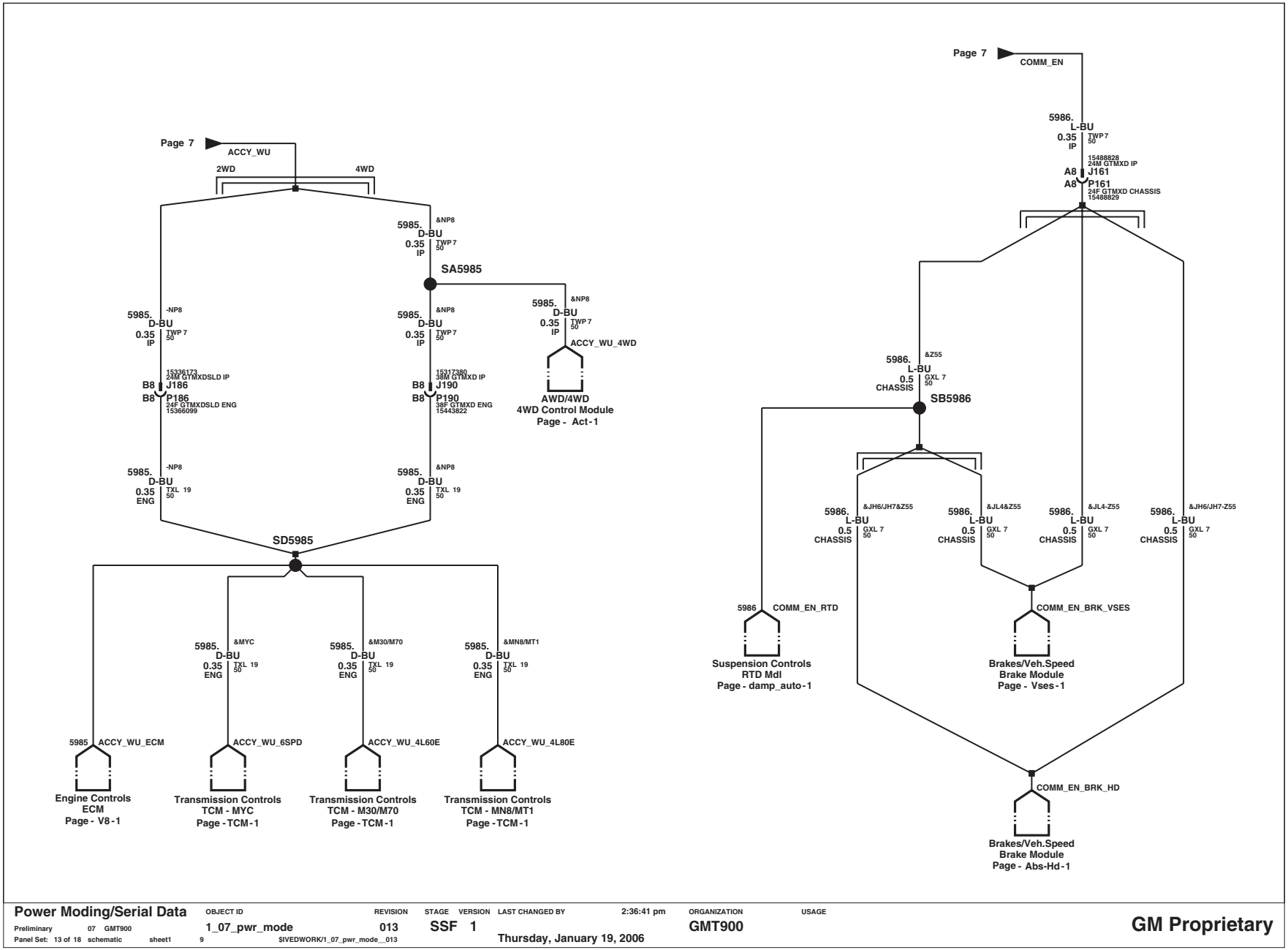




NOTES
• 1 — TERMINATOR: RESISTOR=120 OHM, AT LEAST 1/2 WATT, 1% TOLERANCE

Power Moding/Serial Data	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Preliminary 07 GMT900	1_07_pwr_mode	013	SSF	1		2:36:41 pm	GMT900	GM Proprietary
Panel Set: 12 of 18 schematic sheet1 9	$IVEDWORK/1_07_pwr_mode__013				Thursday, January 19, 2006			

Power Moding/Serial Data



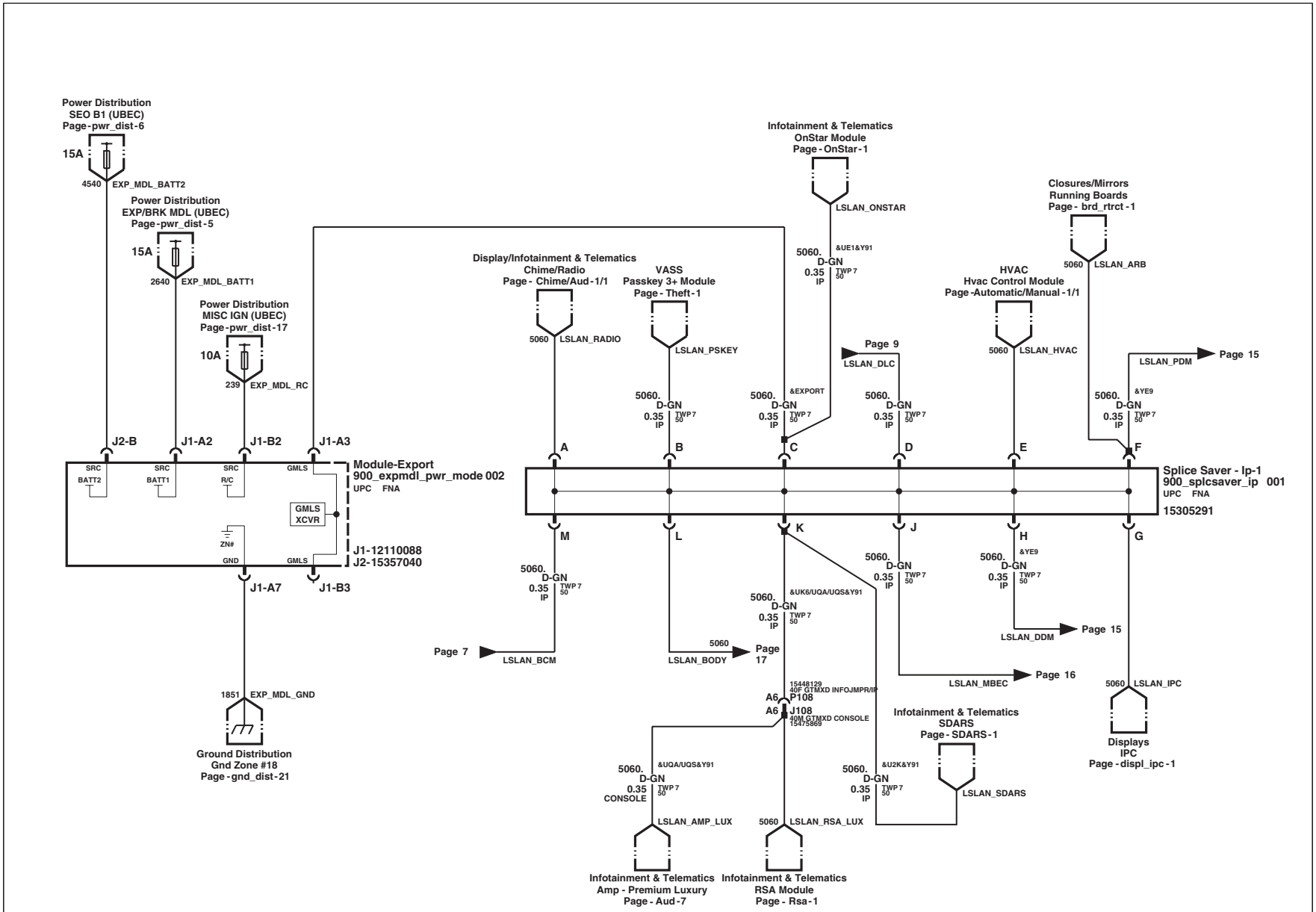
Power Moding/Serial Data

OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
1_07_pwr_mode	013	SSF	1		2:36:41 pm	GMT900	

Preliminary 07 GMT900
Panel Set: 13 of 18 schematic sheet1 9 $IVEDWORK/1_07_pwr_mode__013
Thursday, January 19, 2006

GM Proprietary

Power Moding/Serial Data



Power Moding/Serial Data

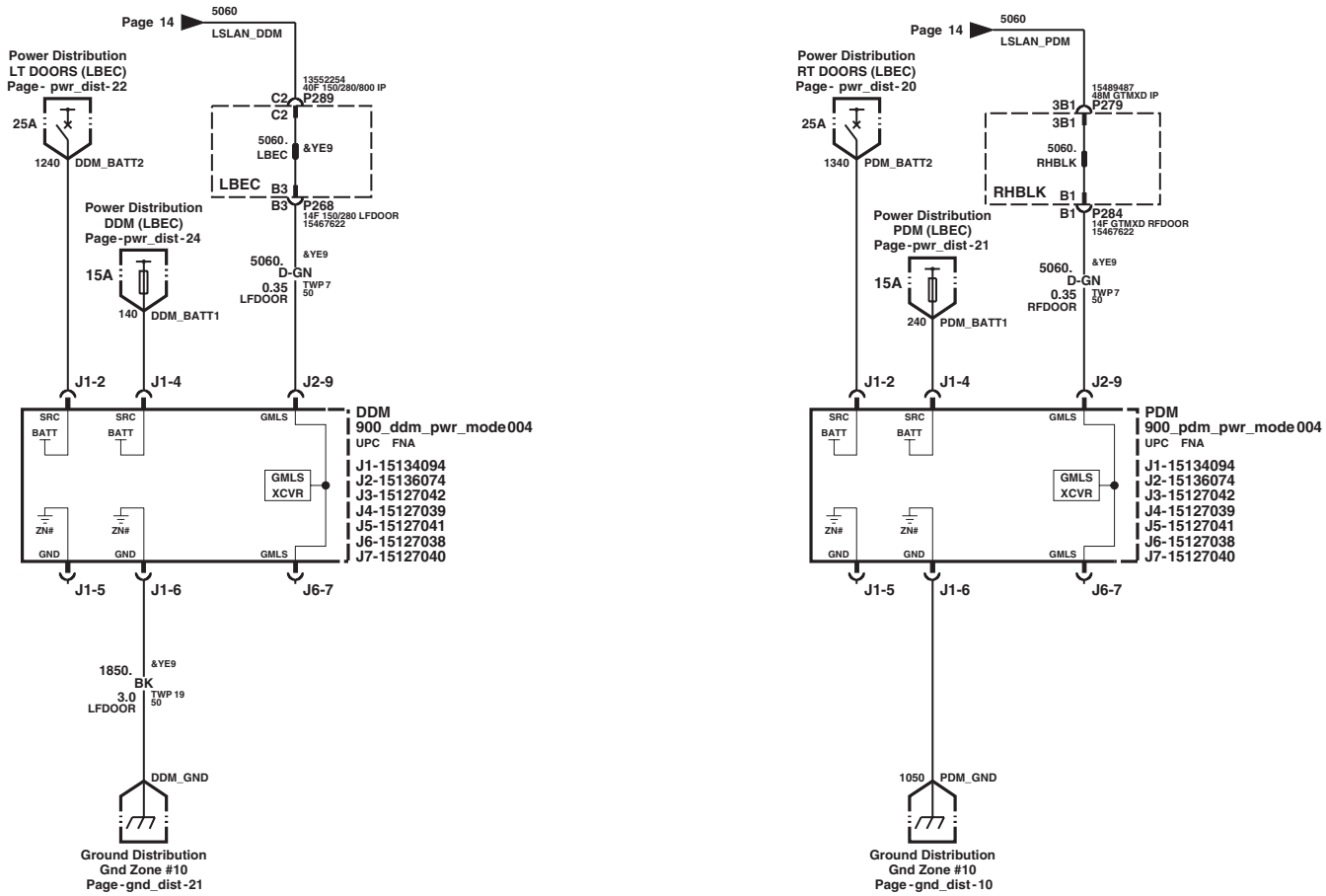
OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
1_07_pwr_mode	013	SSF	1		2:36:41 pm	GMT900	

Preliminary 07 GMT900
Panel Set: 14 of 18 schematic sheet1 9 $IVEDWORK/1_07_pwr_mode__013

Thursday, January 19, 2006

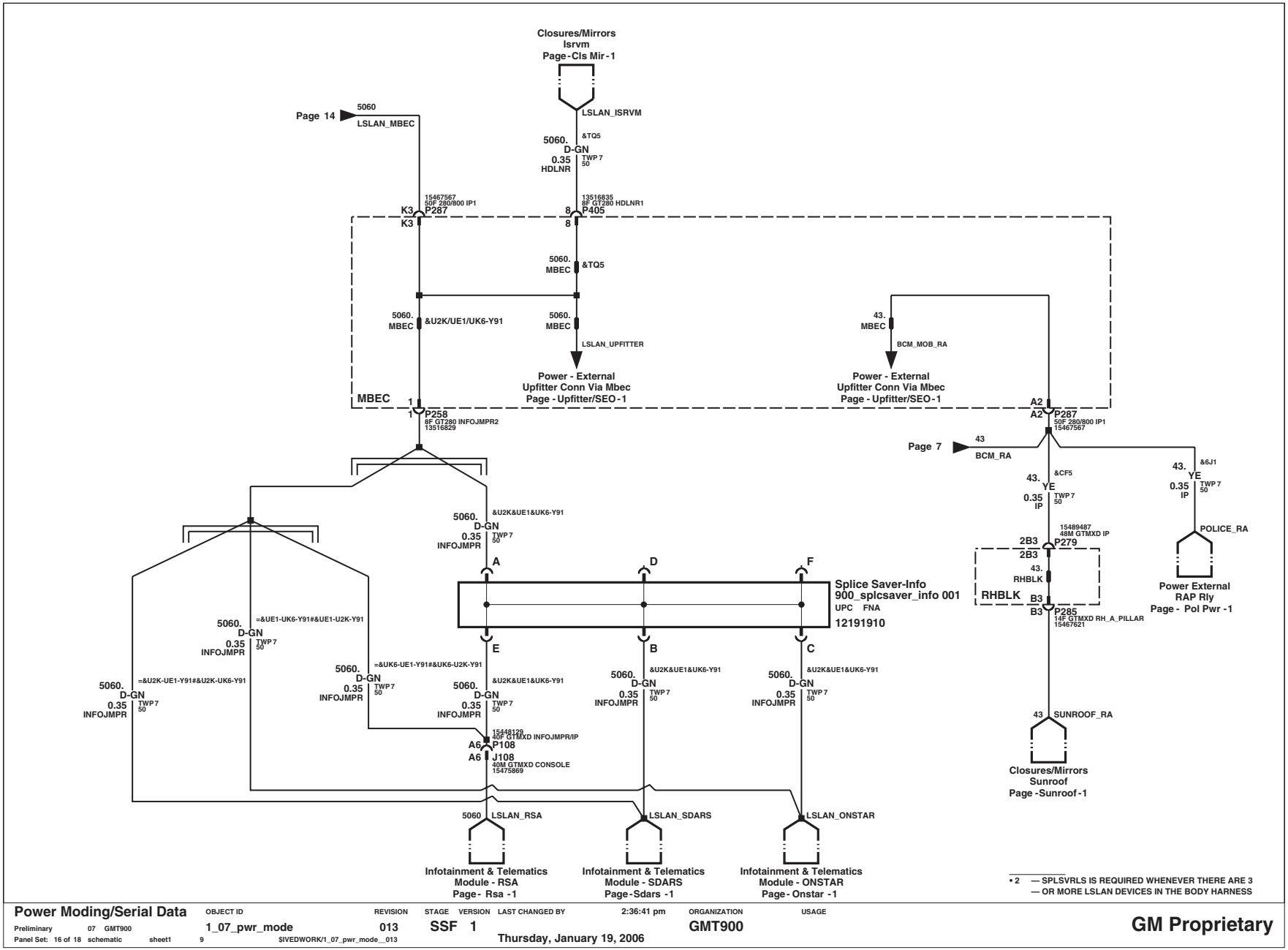
GM Proprietary

Power Moding/Serial Data

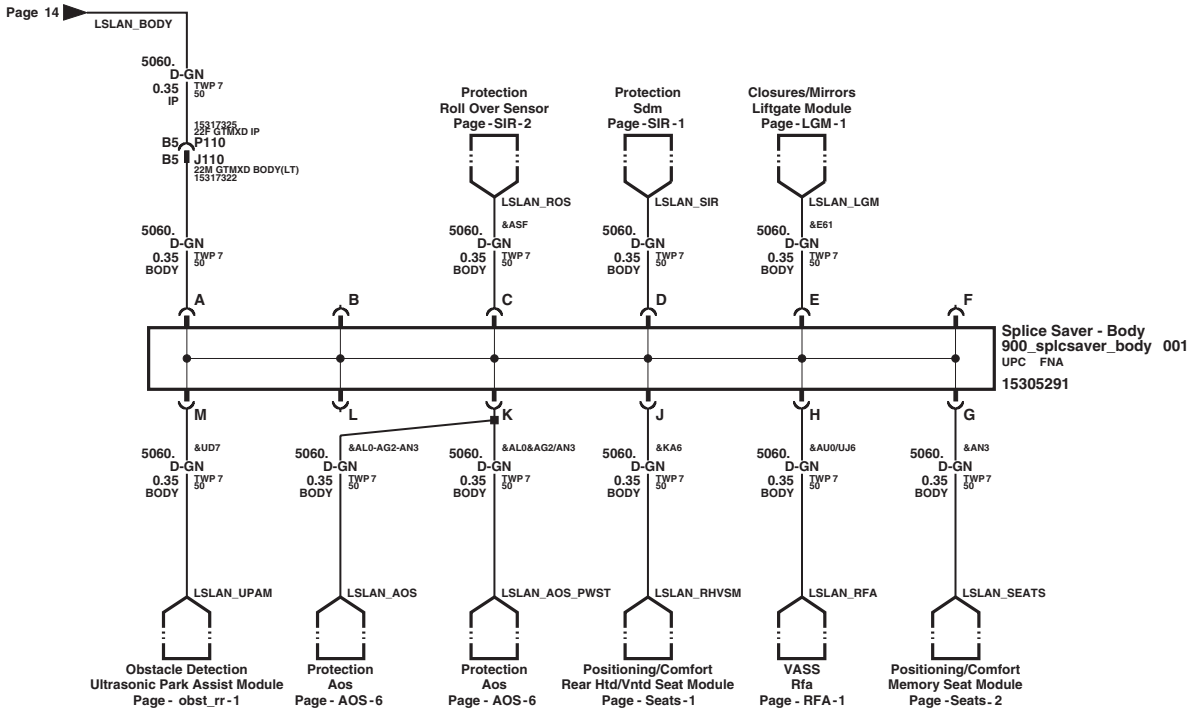


Power Moding/Serial Data	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Preliminary 07 GMT900	1_07_pwr_mode	013	SSF	1		2:36:41 pm	GMT900	GM Proprietary
Panel Set: 15 of 18 schematic sheet1 9	$IVEDWORK/1_07_pwr_mode__013				Thursday, January 19, 2006			

Power Moding/Serial Data



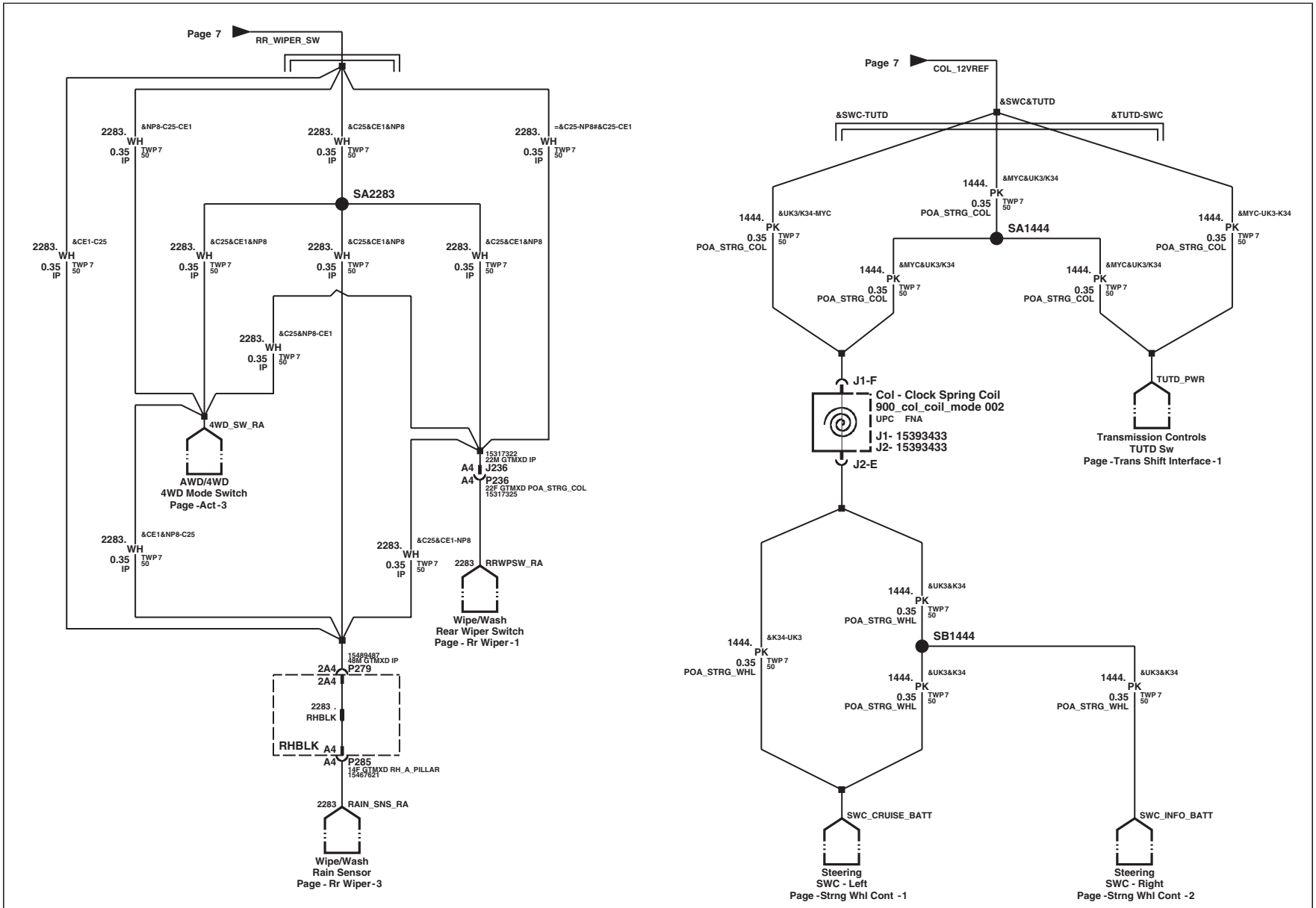
Power Moding/Serial Data



Power Moding/Serial Data	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	2:36:41 pm	ORGANIZATION	USAGE
Preliminary 07 GMT900	1_07_pwr_mode	013	SSF	1			GMT900	
Panel Set: 17 of 18 schematic sheet1 9	$IVEDWORK/1_07_pwr_mode__013				Thursday, January 19, 2006			

GM Proprietary

Power Moding/Serial Data



Power Moding/Serial Data

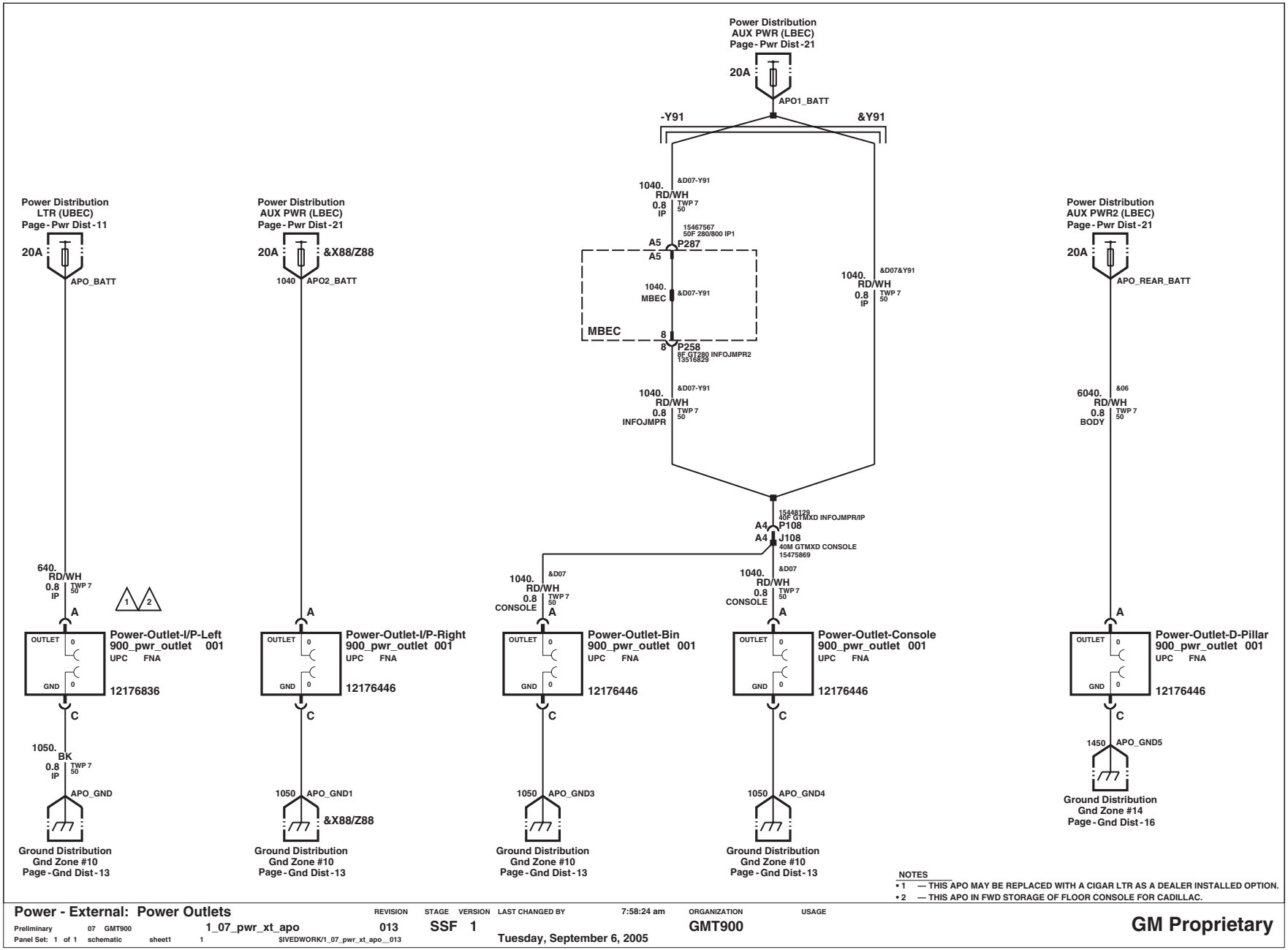
OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
1_07_pwr_mode	013	SSF	1		2:36:41 pm	GMT900	

Preliminary 07 GMT900
Panel Set: 18 of 18 schematic sheet1 9 $IVEDWORK/1_07_pwr_mode__013

Thursday, January 19, 2006

GM Proprietary

Power – External: Power Outlets



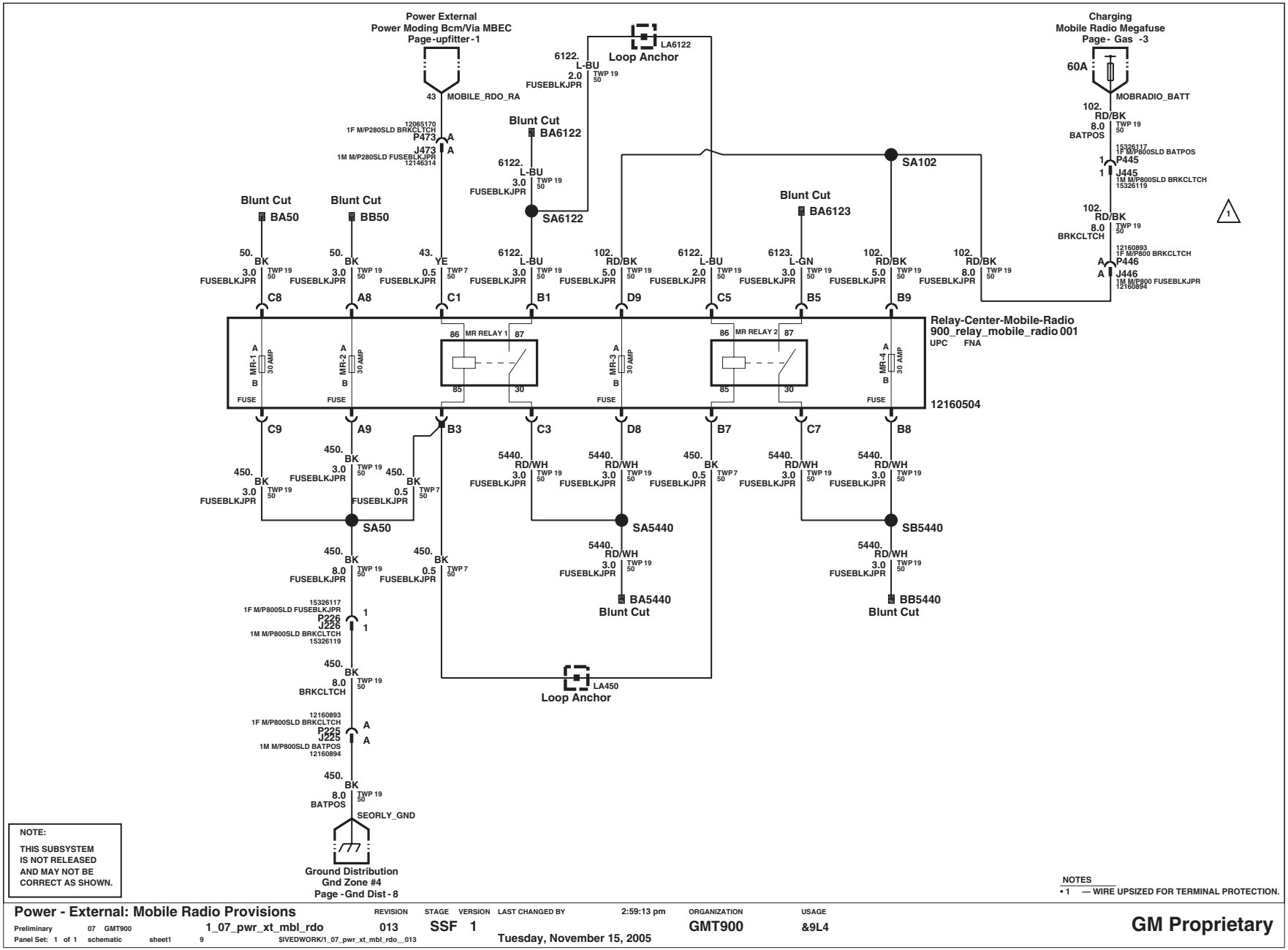
Power – External: Cigar Lighter

- THERE IS NO FACTORY INSTALLED CIGAR LIGHTER FOR GMT900.
- SEE POWER OUTLETS FOR A DEALER INSTALLED CIGAR LIGHTER.

Power - External: Cigar Lighter
REVISION STAGE VERSION LAST CHANGED BY 7:58:38 am ORGANIZATION USAGE
Preliminary 07 GMT900 1_07_pwr_xt_cig_ltr 013 SSF 1 GMT900
Panel Set: 1 of 1 schematic sheet1 1 $IVEDWORK/1_07_pwr_xt_cig_ltr__013 Tuesday, September 6, 2005

GM Proprietary

Power – External: Mobile Radio Provisions



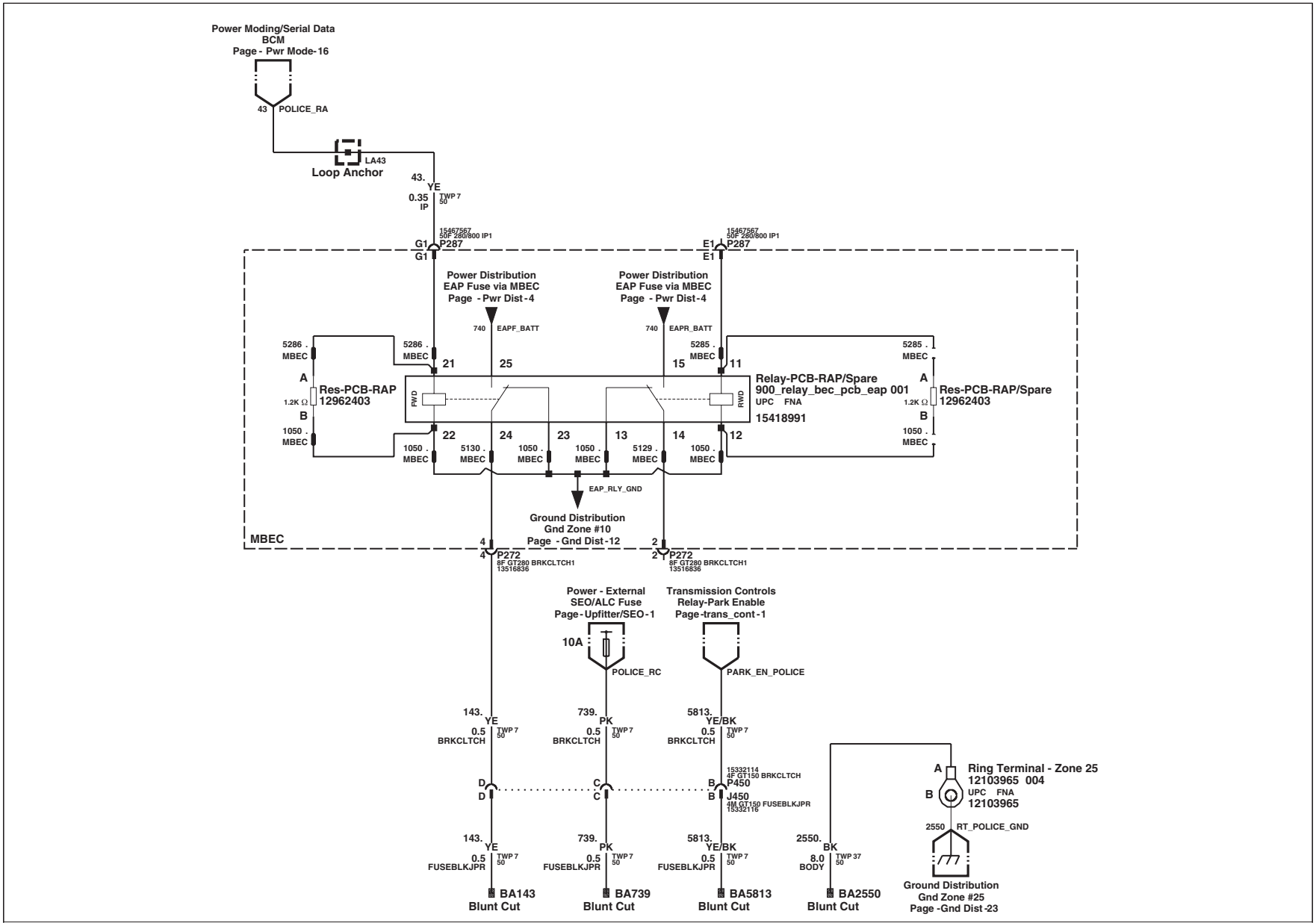
Power - External: Mobile Radio Provisions

REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
013	SSF	1		2:59:13 pm	GMT900	&9L4

Preliminary 07 GMT900 1_07_pwr_xt_mbl_rdo
Panel Set: 1 of 1 schematic sheet1 9 $IVEDWORK/1_07_pwr_xt_mbl_rdo__013
Tuesday, November 15, 2005

GM Proprietary

Power – External: Police Power

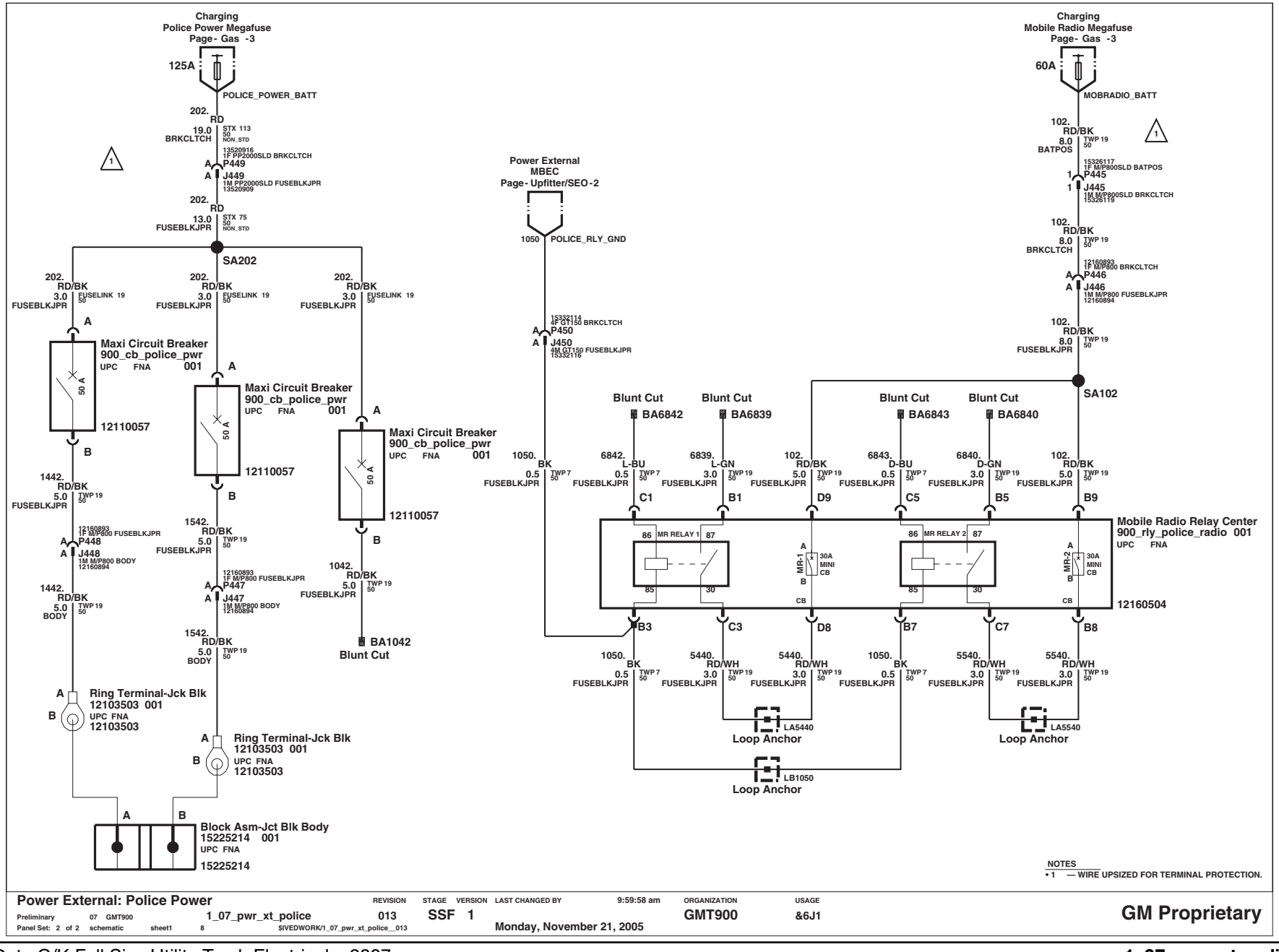


Power External: Police Power

REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Preliminary 07 GMT900	1_07_pwr_xt_police	013	SSF	1	GMT900	&6J1
Panel Set: 1 of 2 schematic sheet1 8	$IVEDWORK/1_07_pwr_xt_police__013		Monday, November 21, 2005	9:59:58 am		

GM Proprietary

Power – External: Police Power

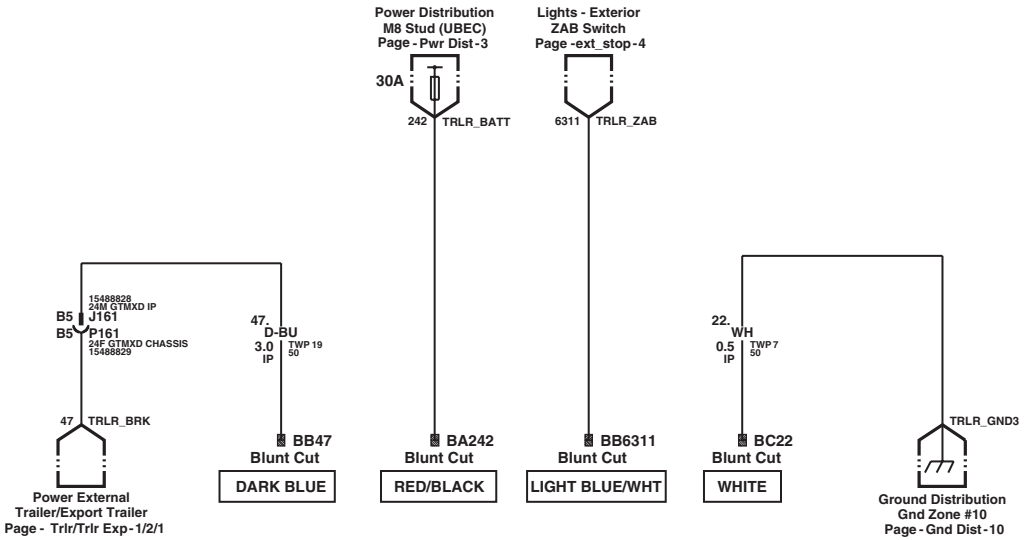


Power External: Police Power

Preliminary	07 GMT900	1_07_pwr_xt_police	REVISION 013	STAGE SSF	VERSION 1	LAST CHANGED BY	9:59:58 am	ORGANIZATION GMT900	USAGE &6J1
Panel Set: 2 of 2	schematic	sheet1 8	$IVEDWORK/1_07_pwr_xt_police__013			Monday, November 21, 2005			

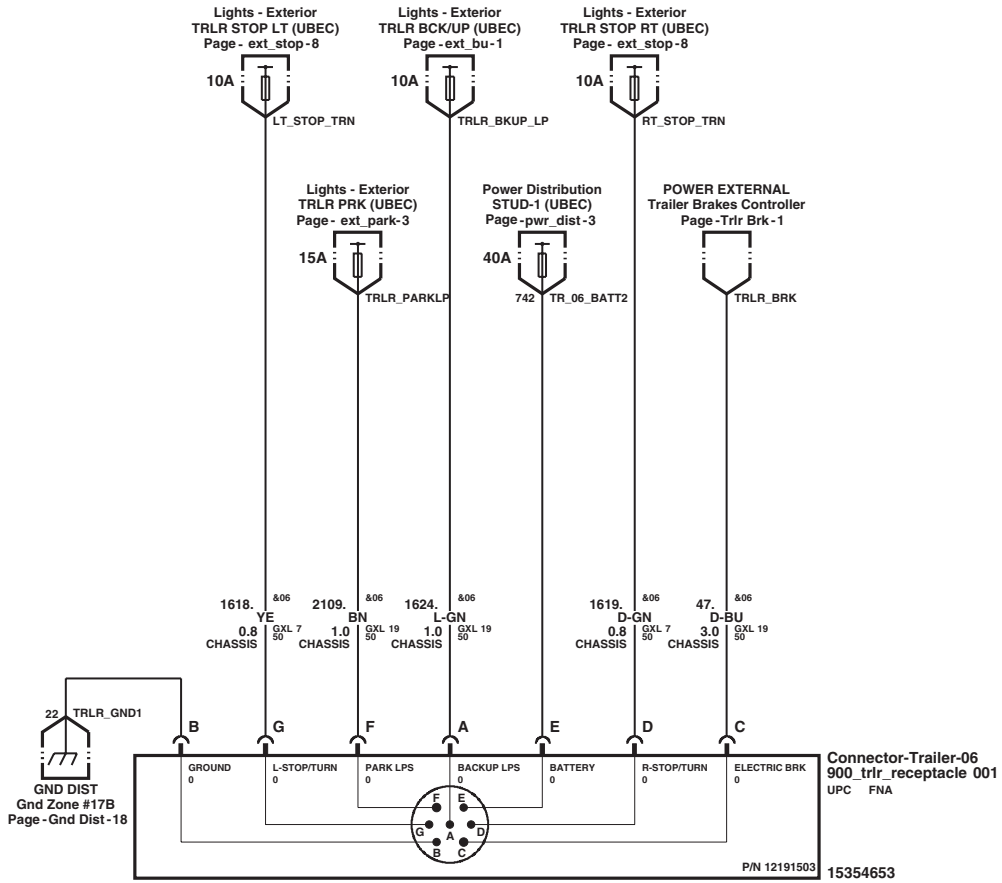
GM Proprietary

Power – External: Trailer Brakes



Power - External: Trailer Brakes		REVISION	STAGE	VERSION	LAST CHANGED BY	7:59:34 am	ORGANIZATION	USAGE	
Preliminary 07 GMT900	1_07_pwr_xt_trlr_brk	013	SSF	1			GMT900		**GM Proprietary**
Panel Set: 1 of 1 schematic sheet1 1	$IVEDWORK/1_07_pwr_xt_trlr_brk__013				Tuesday, September 6, 2005				

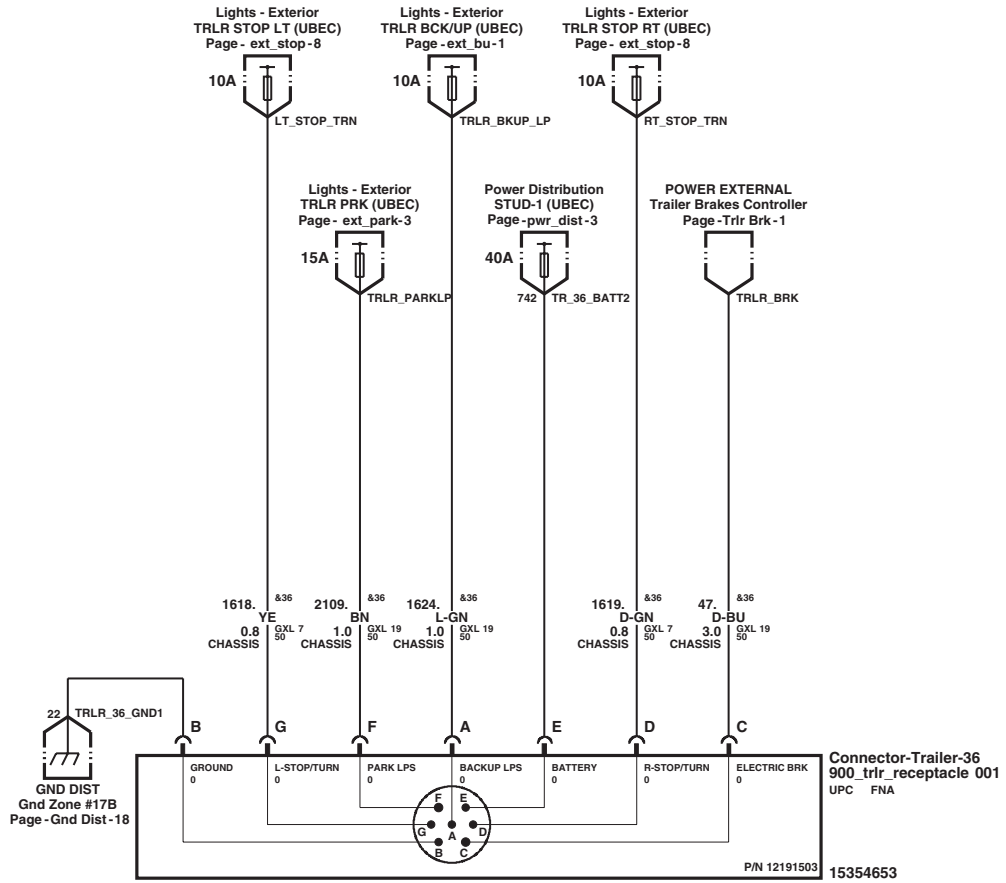
Power – External: Trailer Wiring



Power - External: Trailer	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Preliminary 07 GMT900	1_07_pwr_xt_trlr	013	SSF	1		7:59:20 am	GMT900	&UY7
Panel Set: 1 of 2 schematic sheet1 1	$IVEDWORK/1_07_pwr_xt_trlr__013				Tuesday, September 6, 2005			

GM Proprietary

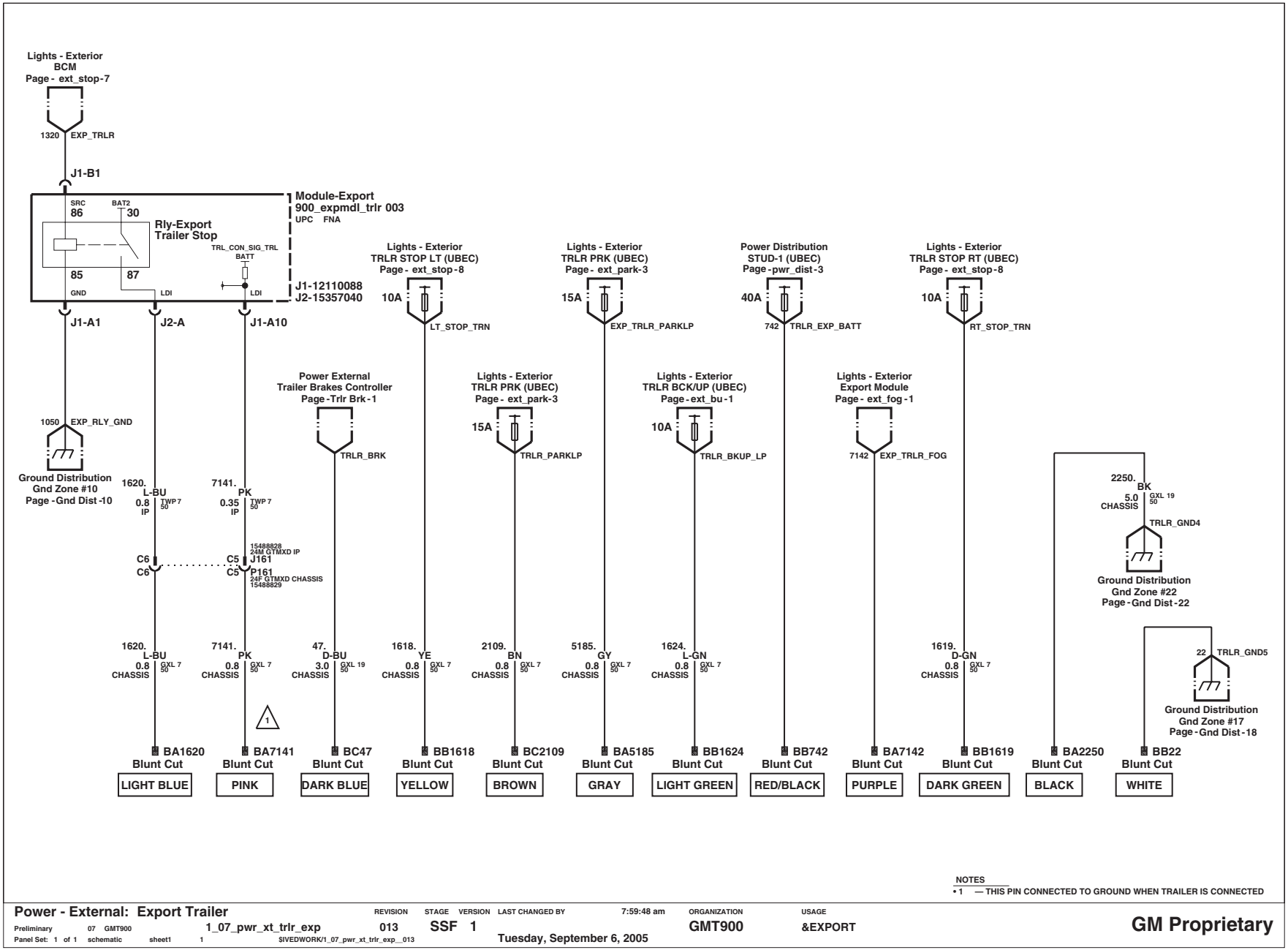
Power – External: Trailer Wiring



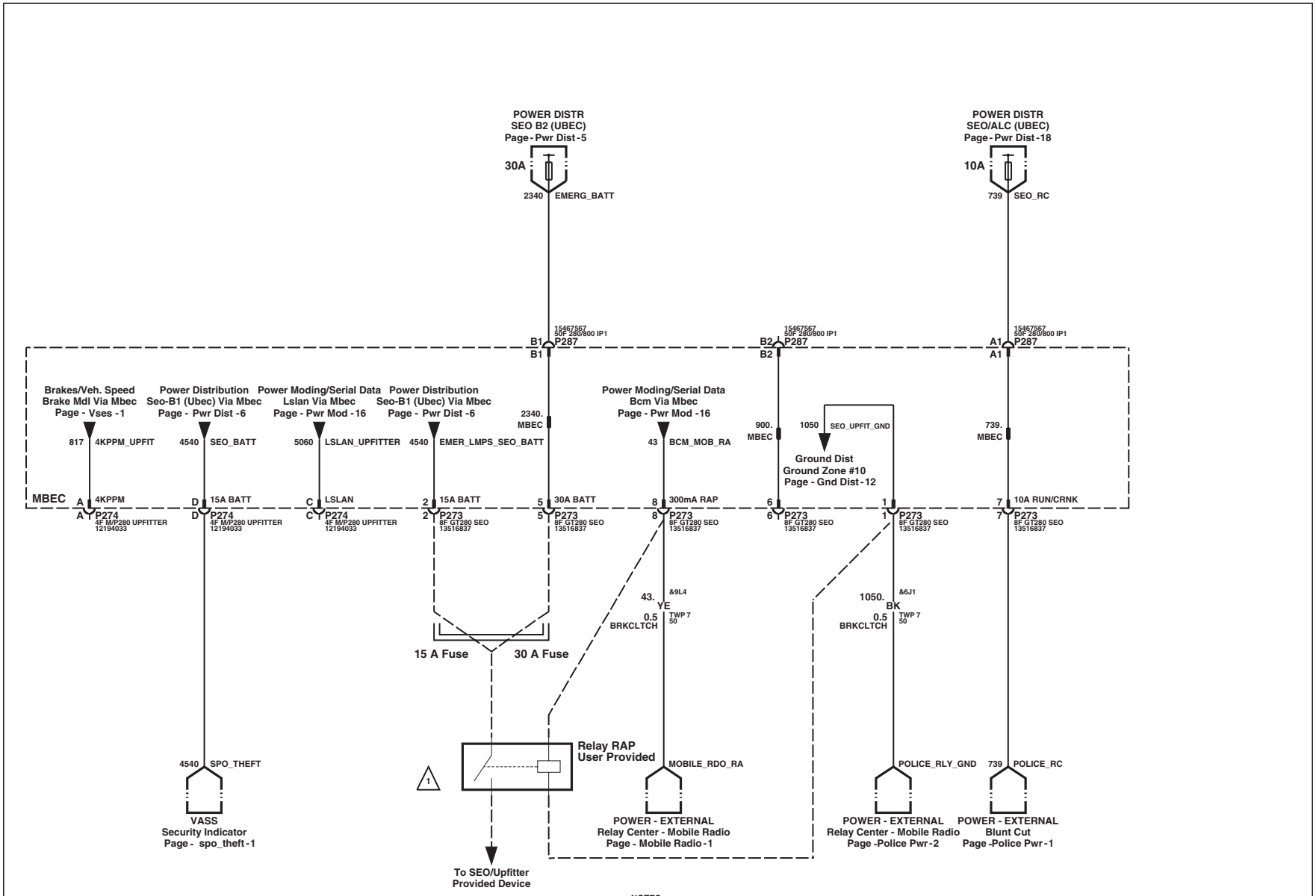
Power - External: Trailer	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Preliminary 07 GMT900	1_07_pwr_xt_trlr	013	SSF	1		7:59:20 am	GMT900	&UY7
Panel Set: 2 of 2 schematic sheet1 1	$IVEDWORK/1_07_pwr_xt_trlr__013				Tuesday, September 6, 2005		Panel Set: 2	

GM Proprietary

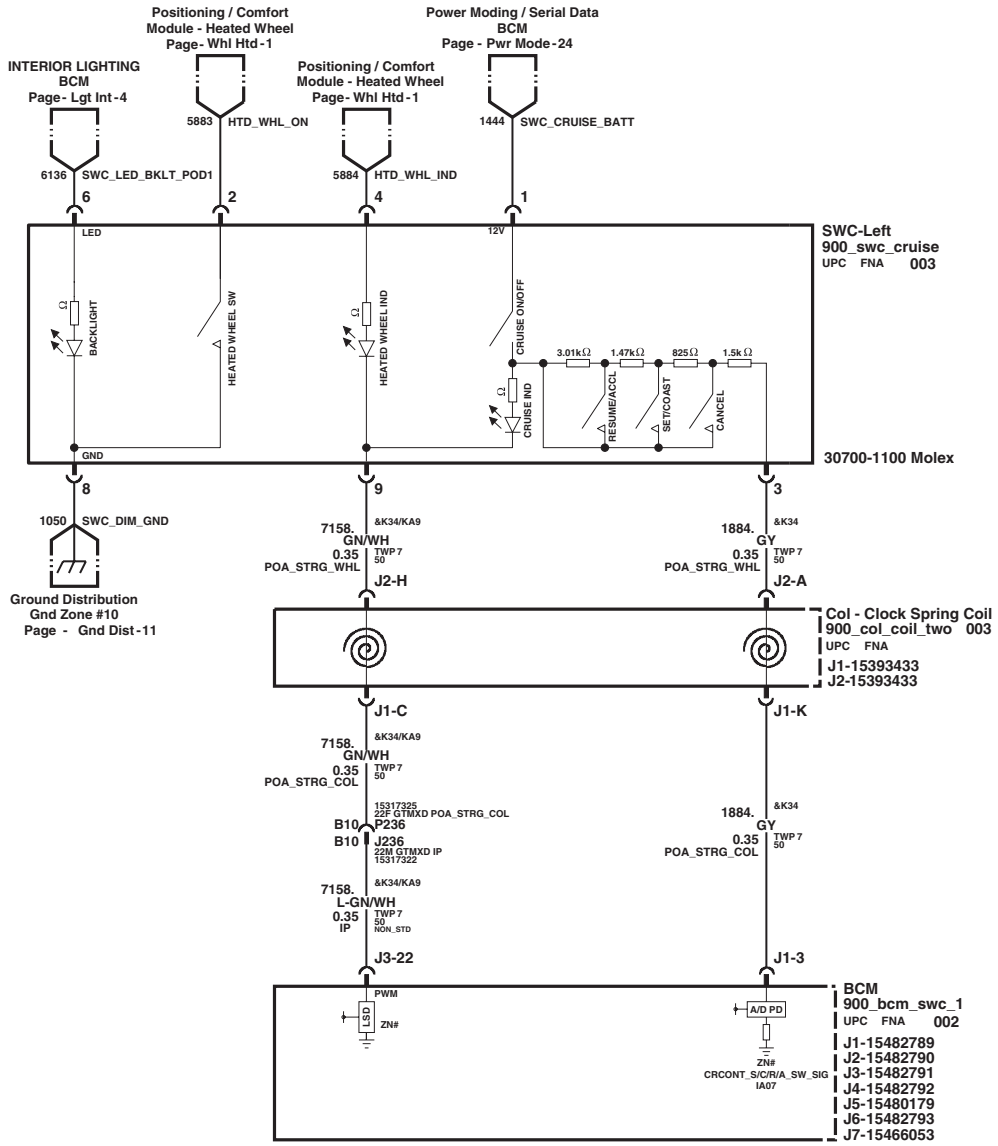
Power – External: Export Trailer



Power – External: Upfitter/SEO



Steering: Steering Wheel Controls

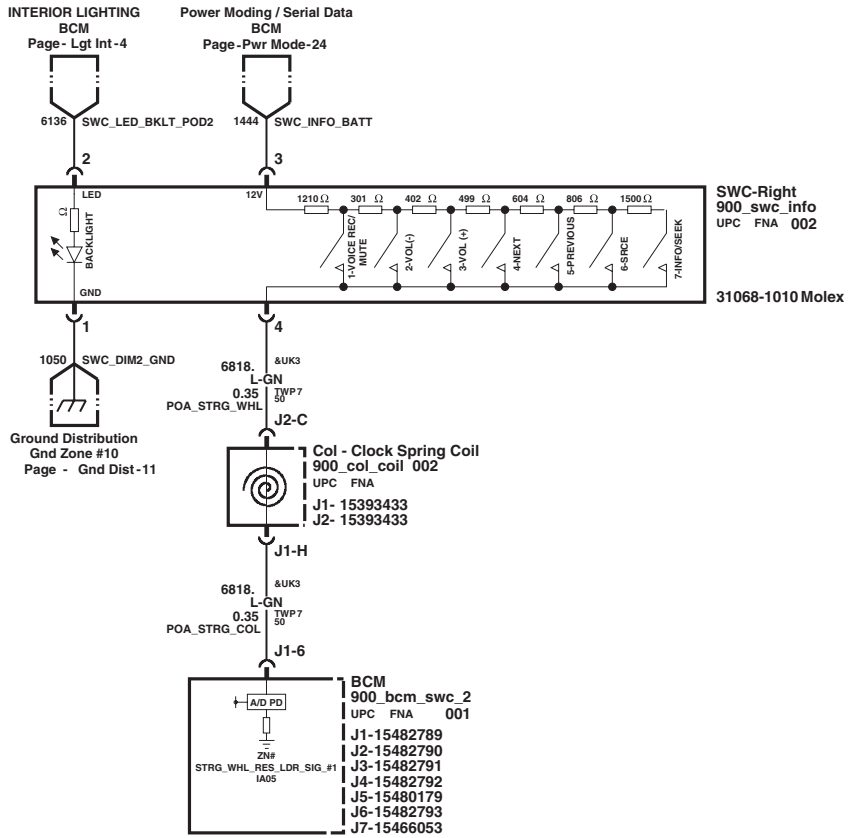


NOTES

• 1 — LEFT SWC SWITCH CHANGING TO 30700-1100 IN NEAR FUTURE

Steering: Steering Wheel Controls	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Released 07 GMT900	1_07_strg_swc	013	SSF	1	10:20:54 am	GMT900	GM Proprietary
Panel Set: 1 of 2 schematic sheet1 1	$IVEDWORK/1_07_strg_swc__013				Friday, September 2, 2005		

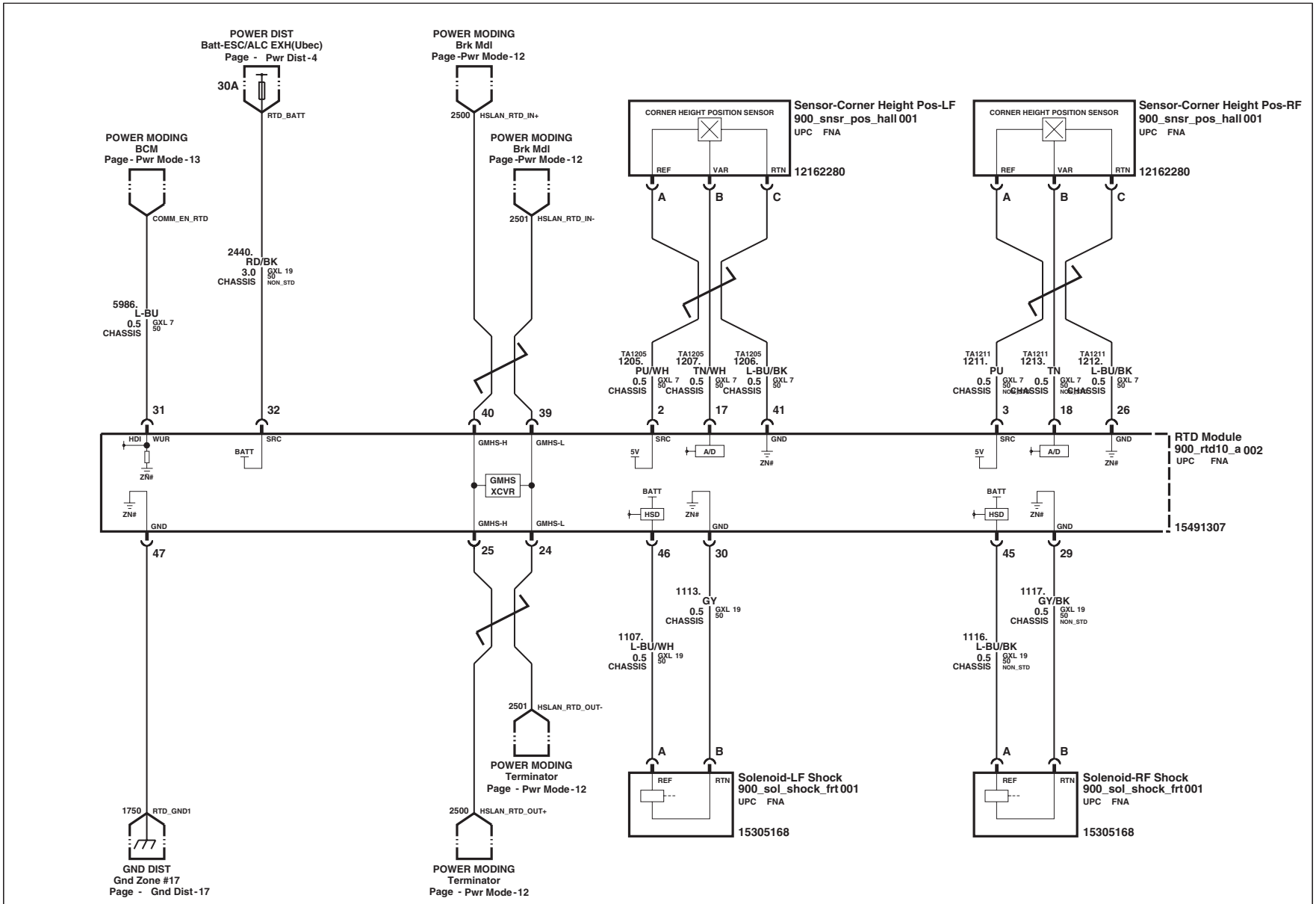
Steering: Steering Wheel Controls



NOTES
• 1 — FOR VEHICLES WITHOUT VOICE RECOGNITION THIS WILL BE MUTE

Steering: Steering Wheel Controls	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Released 07 GMT900	1_07_strg_swc	013	SSF	1	10:20:54 am	GMT900	GM Proprietary
Panel Set: 2 of 2 schematic sheet1 1	$IVEDWORK/1_07_strg_swc__013				Friday, September 2, 2005		

Suspension Controls: Damping-Automatic (10 Series)



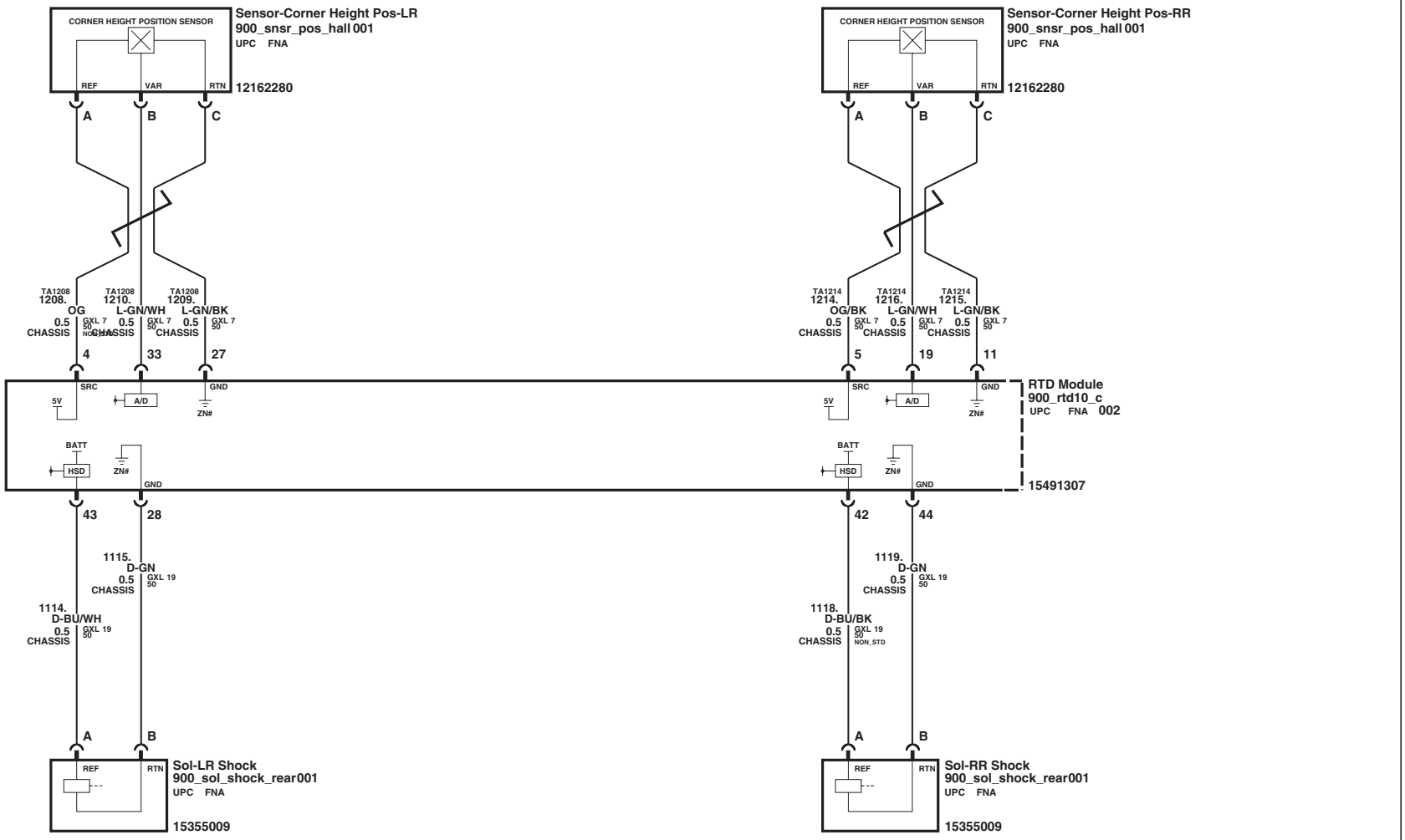
Suspension Controls: Damping-Automatic REVISION STAGE VERSION LAST CHANGED BY 12:55:48 pm ORGANIZATION USAGE

Released 07 GMT900 1_07_susp_damp_auto_10 013 SSF 1 GMT900 &Z55

Panel Set: 1 of 2 schematic sheet1 3 $IVEDWORK/1_07_susp_damp_auto_10__013 Monday, January 9, 2006

GM Proprietary

Suspension Controls: Damping-Automatic (10 Series)



Suspension Controls: Damping-Automatic

REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
013	SSF	1		12:55:48 pm	GMT900	&Z55

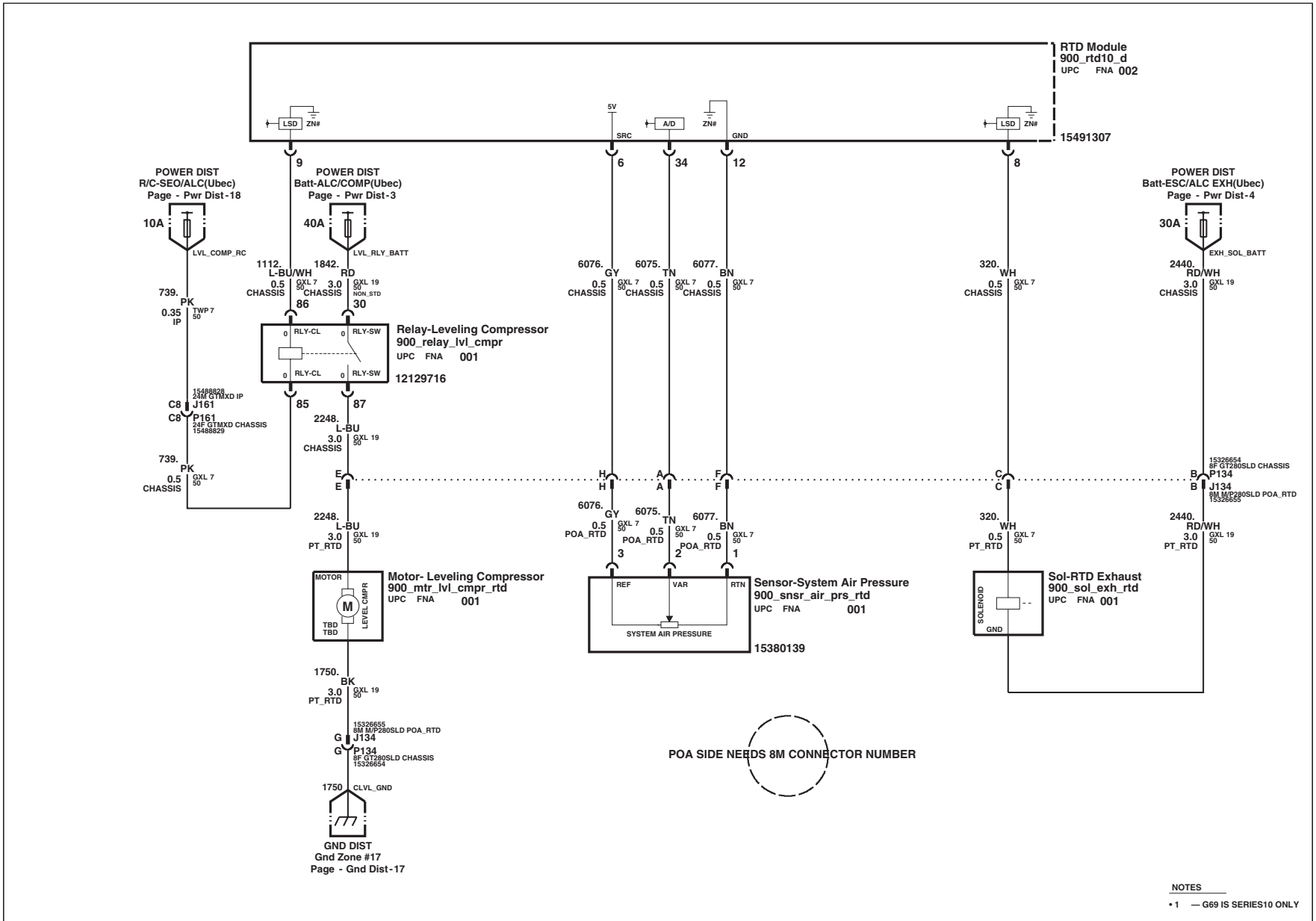
Released 07 GMT900 1_07_susp_damp_auto_10

Panel Set: 2 of 2 schematic sheet1 3 $IVEDWORK/1_07_susp_damp_auto_10_.013

Monday, January 9, 2006

GM Proprietary

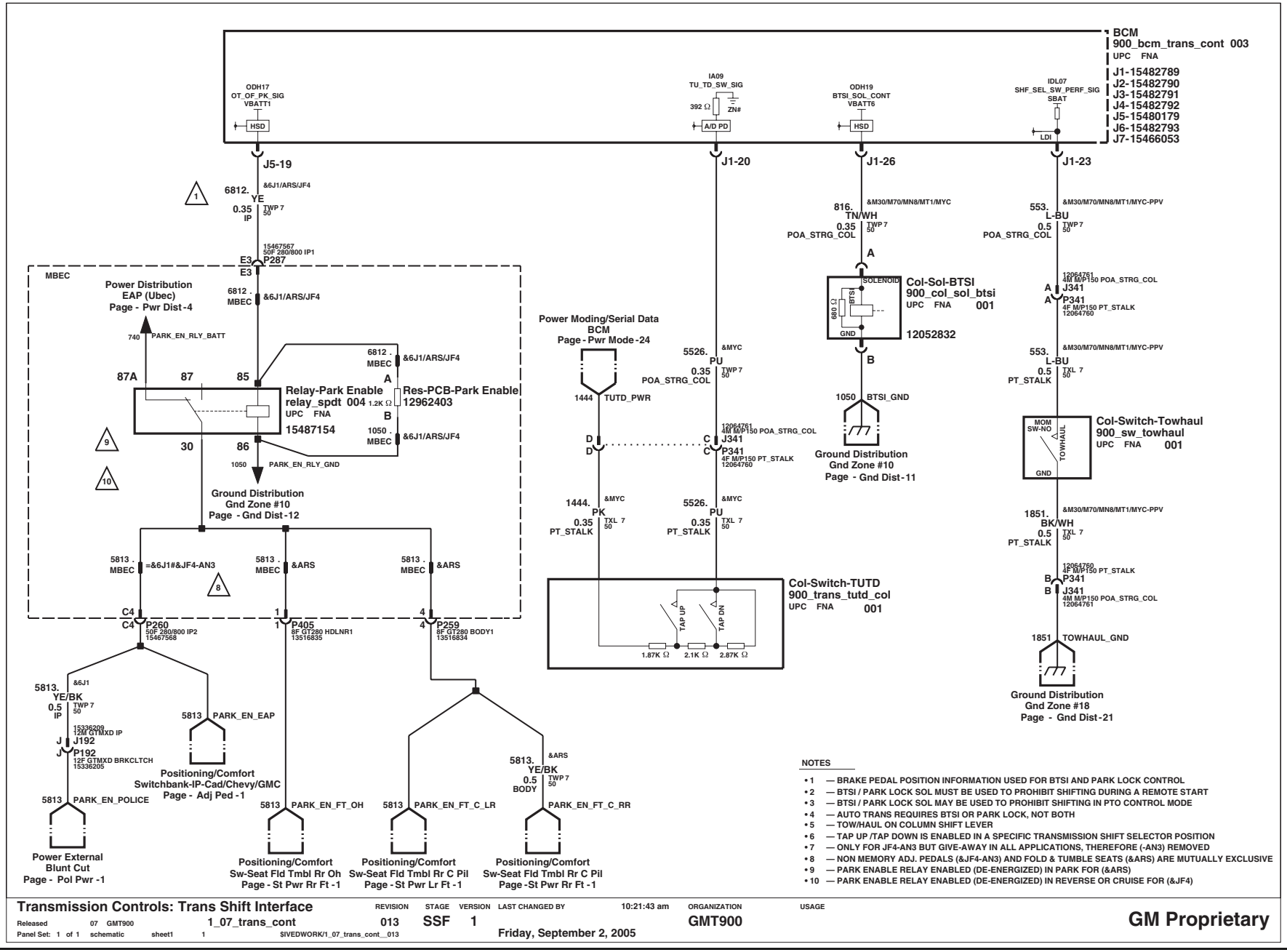
Suspension Controls: Leveling Two Corner (10 Series)



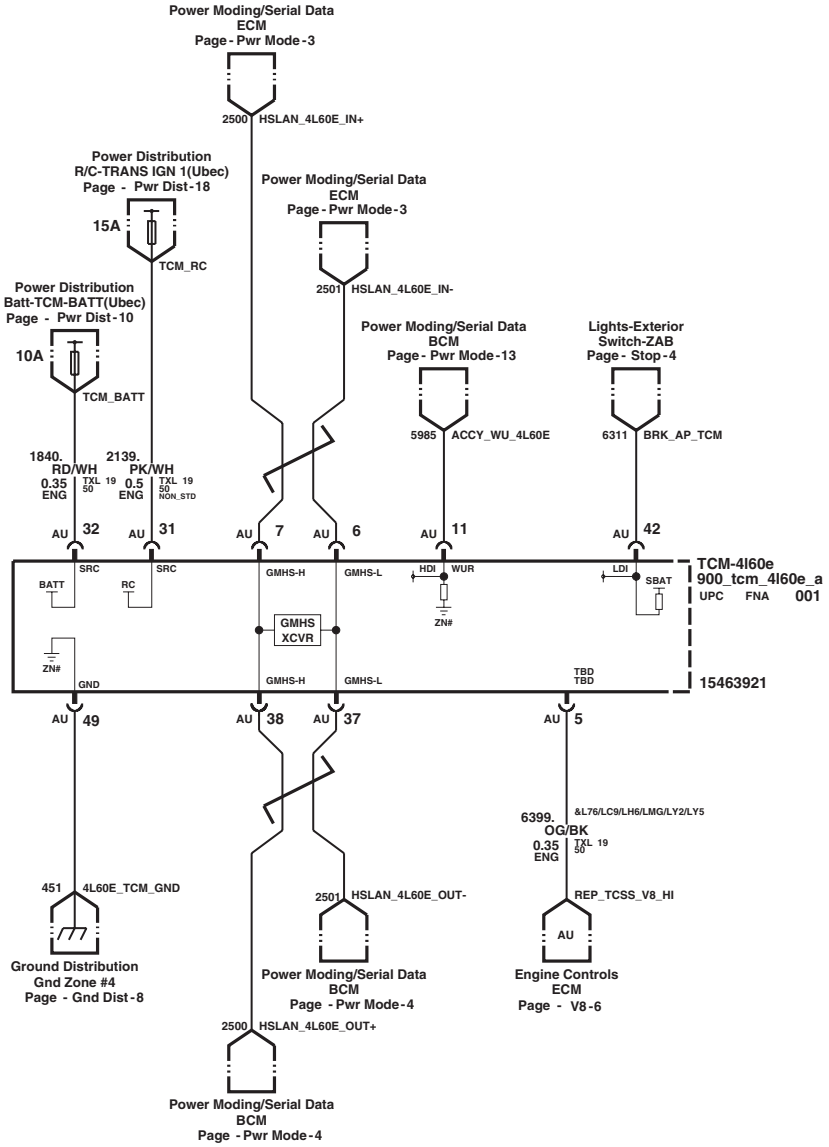
Suspension Controls: Leveling-2 Corner (10 Series)	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Released 07 GMT900	1_07_susp_lvl_2	013	SSF	1	10:21:24 am	GMT900	&G69
Panel Set: 1 of 1 schematic sheet1 1	$IVEDWORK/1_07_susp_lvl_2__013				Friday, September 2, 2005		

GM Proprietary

Transmission Controls: Trans Shift Interface


BCM
900_bcm_trans_cont 003
UPC FNA
J1-15482789
J2-15482790
J3-15482791
J4-15482792
J5-15480179
J6-15482793
J7-15466053
ODH17 OT_OF_PK_SIG VBATT1 HSD
IA09 TU_TD_SW_SIG 392 Ω ZN# A/D PD
ODH19 BTSI_SOL_CONT VBATT6 HSD
IDL07 SHF_SEL_SW_PERF_SIG SBAT LDI
J5-19
J1-20
J1-26
J1-23
6812. YE 0.35 IP TWP 7 50 &6J1/ARS/JF4
15467567 50F 280/800 IP1
E3 P287
MBEC
Power Distribution EAP (Ubec) Page - Pwr Dist-4
6812 . MBEC &6J1/ARS/JF4
740 PARK_EN_RLY_BATT
87A 87 85
Relay-Park Enable relay_spdt 004 UPC FNA 15487154
Res-PCB-Park Enable 1.2K Ω 12962403
6812 . MBEC &6J1/ARS/JF4
1050 . MBEC &6J1/ARS/JF4
30 86
1050 PARK_EN_RLY_GND
Ground Distribution Gnd Zone #10 Page - Gnd Dist-12
5813 . MBEC =&6J1#&JF4-AN3
5813 . MBEC &ARS
5813 . MBEC &ARS
C4 P260 50F 280/800 IP2 15467568
1 P405 8F GT280 HDLNR1 13516835
4 P259 8F GT280 BODY1 13516834
5813. YE/BK 0.5 IP TWP 7 50 &6J1
15336209 12M GTMXD IP
J192 P192 12F GTMXD BRKCLTCH 15336205
5813 PARK_EN_EAP
Positioning/Comfort Switchbank-IP-Cad/Chevy/GMC Page - Adj Ped-1
5813 PARK_EN_POLICE
Power External Blunt Cut Page - Pol Pwr-1
5813 PARK_EN_FT_OH
Positioning/Comfort Sw-Seat Fld Tmbl Rr Oh Page - St Pwr Rr Ft-1
5813 PARK_EN_FT_C_LR
Positioning/Comfort Sw-Seat Fld Tmbl Rr C Pil Page - St Pwr Lr Ft-1
5813. YE/BK 0.5 BODY TWP 7 50 &ARS
PARK_EN_FT_C_RR
Positioning/Comfort Sw-Seat Fld Tmbl Rr C Pil Page -St Pwr Rr Ft-1
816. TN/WH 0.35 POA_STRG_COL TWP 7 50 &M30/M70/MN8/MT1/MYC
A
SOLENOID
680 Ω BTSI
GND
Col-Sol-BTSI 900_col_sol_btsi UPC FNA 001
12052832
B
1050 BTSI_GND
Ground Distribution Gnd Zone #10 Page - Gnd Dist-11
553. L-BU 0.5 POA_STRG_COL TWP 7 50 &M30/M70/MN8/MT1/MYC-PPV
12064761 4M M/P150 POA_STRG_COL
A J341
A P341 4F M/P150 PT_STALK 12064760
553. L-BU 0.5 PT_STALK TXL 7 50 &M30/M70/MN8/MT1/MYC-PPV
MOM SW-NO TOWHAUL GND
Col-Switch-Towhaul 900_sw_towhaul UPC FNA 001
1851. BK/WH 0.5 PT_STALK TXL 7 50 &M30/M70/MN8/MT1/MYC-PPV
12064760 4F M/P150 PT_STALK
B P341
B J341 4M M/P150 POA_STRG_COL 12064761
1851 TOWHAUL_GND
Ground Distribution Gnd Zone #18 Page - Gnd Dist-21
Power Moding/Serial Data BCM Page - Pwr Mode-24
1444 TUTD_PWR
5526. PU 0.35 POA_STRG_COL TWP 7 50 &MYC
12064761 4M M/P150 POA_STRG_COL
D J341
D P341 4F M/P150 PT_STALK 12064760
C J341
C P341
1444. PK 0.35 PT_STALK TXL 7 50 &MYC
5526. PU 0.35 PT_STALK TXL 7 50 &MYC
TAP UP
TAP DN
1.87K Ω 2.1K Ω 2.87K Ω
Col-Switch-TUTD 900_trans_tutd_col UPC FNA 001
NOTES
• 1 — BRAKE PEDAL POSITION INFORMATION USED FOR BTSI AND PARK LOCK CONTROL
• 2 — BTSI / PARK LOCK SOL MUST BE USED TO PROHIBIT SHIFTING DURING A REMOTE START
• 3 — BTSI / PARK LOCK SOL MAY BE USED TO PROHIBIT SHIFTING IN PTO CONTROL MODE
• 4 — AUTO TRANS REQUIRES BTSI OR PARK LOCK, NOT BOTH
• 5 — TOW/HAUL ON COLUMN SHIFT LEVER
• 6 — TAP UP /TAP DOWN IS ENABLED IN A SPECIFIC TRANSMISSION SHIFT SELECTOR POSITION
• 7 — ONLY FOR JF4-AN3 BUT GIVE-AWAY IN ALL APPLICATIONS, THEREFORE (-AN3) REMOVED
• 8 — NON MEMORY ADJ. PEDALS (&JF4-AN3) AND FOLD & TUMBLE SEATS (&ARS) ARE MUTUALLY EXCLUSIVE
• 9 — PARK ENABLE RELAY ENABLED (DE-ENERGIZED) IN PARK FOR (&ARS)
• 10 — PARK ENABLE RELAY ENABLED (DE-ENERGIZED) IN REVERSE OR CRUISE FOR (&JF4)
Transmission Controls: Trans Shift Interface
REVISION STAGE VERSION LAST CHANGED BY 10:21:43 am ORGANIZATION USAGE
Released 07 GMT900 1_07_trans_cont 013 SSF 1 GMT900
Panel Set: 1 of 1 schematic sheet1 1 $IVEDWORK/1_07_trans_cont__013
Friday, September 2, 2005
GM Proprietary

Transmission Controls: 4L60E/4L65E

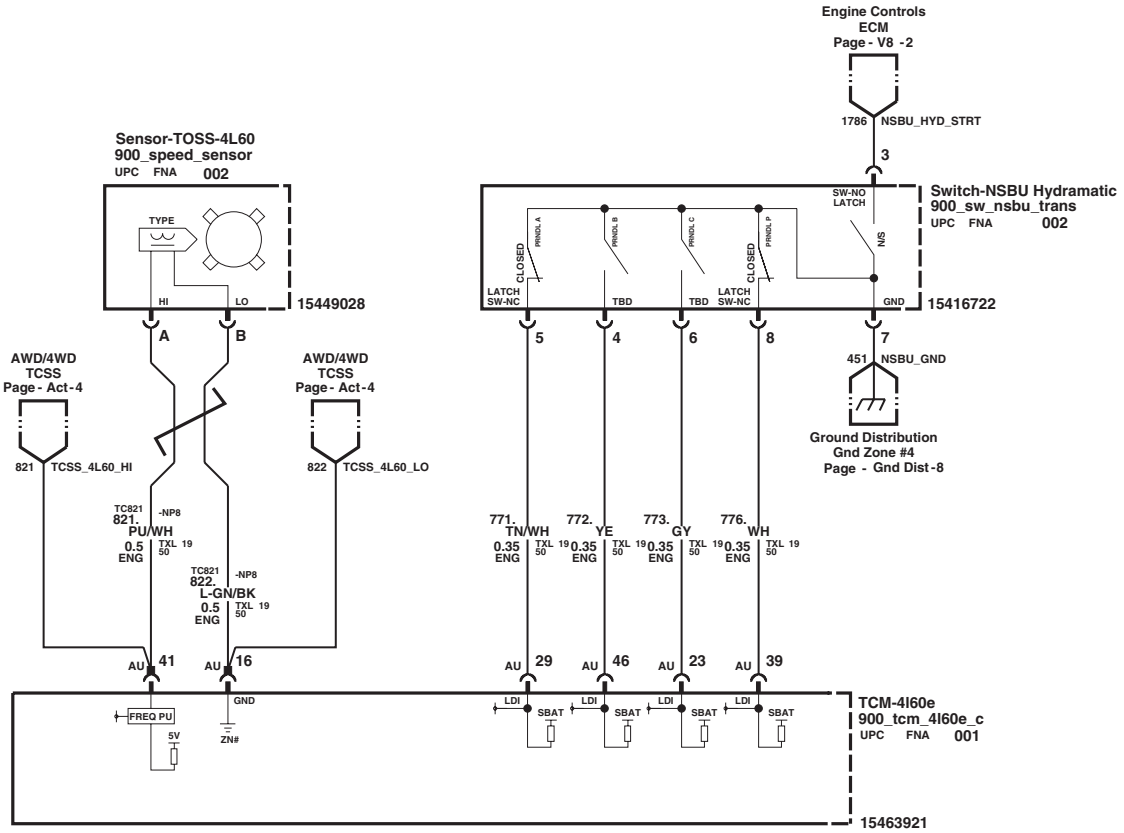


Transmission Controls: 4L60e/4L70e

REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Released 07 GMT900	1_07_trans_tcm_4l60e	013	SSF	1	1:06:10 pm	GMT900	&M30/M70
Panel Set: 1 of 3 schematic sheet1 4	$IVEDWORK/1_07_trans_tcm_4l60e__013				Thursday, September 29, 2005	Panel Set: 1	

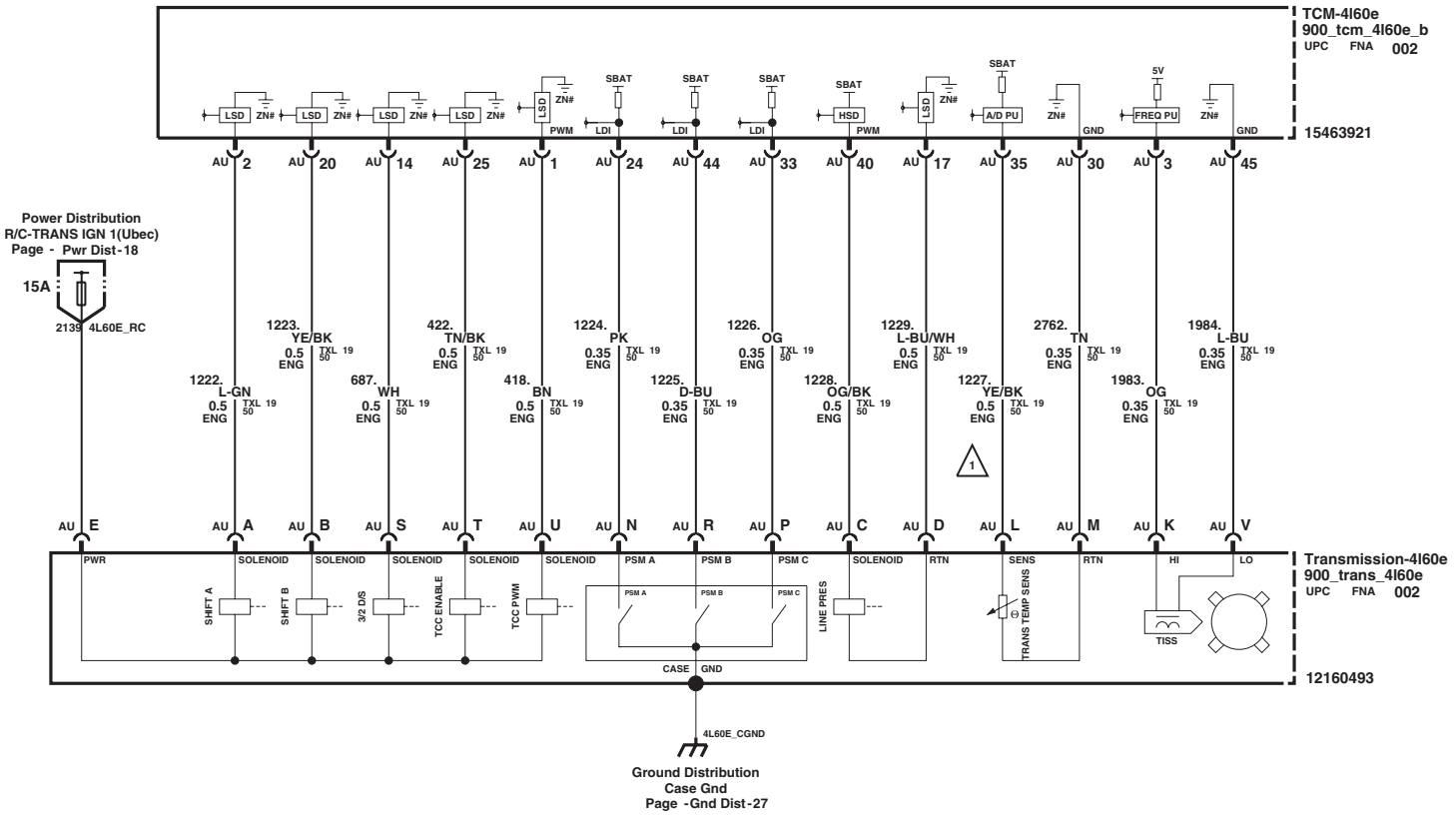
GM Proprietary

Transmission Controls: 4L60E/4L65E



Transmission Controls: 4L60e/4L70e	REVISION	STAGE	VERSION	LAST CHANGED BY	1:06:10 pm	ORGANIZATION	USAGE	
Released 07 GMT900	1_07_trans_tcm_4l60e	013	SSF	1		GMT900	&M30/M70	**GM Proprietary**
Panel Set: 2 of 3 schematic sheet1 4	$IVEDWORK/1_07_trans_tcm_4l60e__013				Thursday, September 29, 2005	Panel Set: 2		

Transmission Controls: 4L60E/4L65E

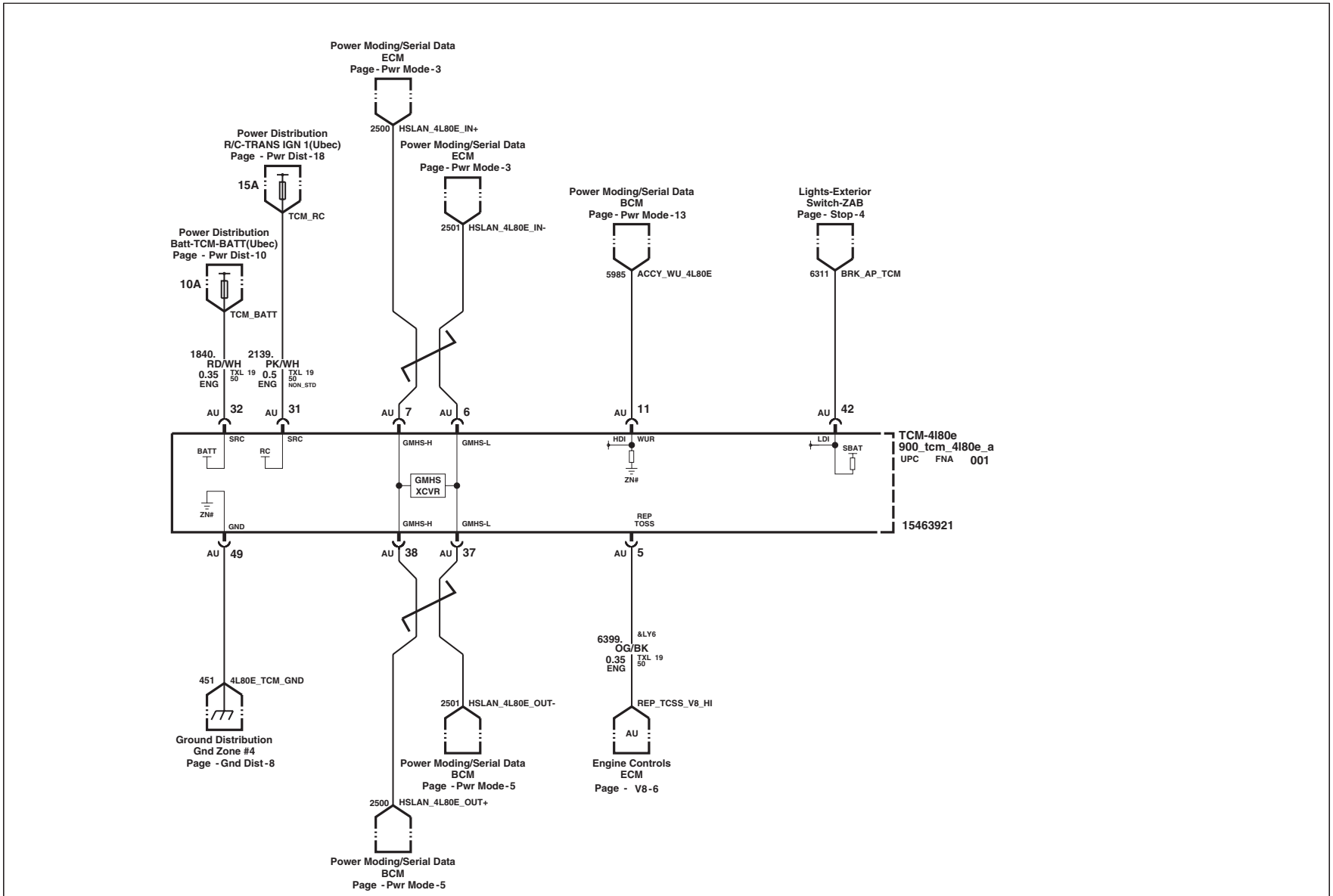

TCM-4l60e
900_tcm_4l60e_b
UPC FNA 002
15463921
LSD ZN# LSD ZN# LSD ZN# LSD ZN# LSD ZN# PWM
SBAT LDI SBAT LDI SBAT LDI SBAT HSD PWM
LSD ZN# SBAT A/D PU
ZN# GND
5V FREQ PU ZN# GND
AU 2 AU 20 AU 14 AU 25 AU 1 AU 24 AU 44 AU 33 AU 40 AU 17 AU 35 AU 30 AU 3 AU 45
Power Distribution
R/C-TRANS IGN 1(Ubec)
Page - Pwr Dist-18
15A
2139 4L60E_RC
1222. L-GN 0.5 ENG TXL 19 50
1223. YE/BK 0.5 ENG TXL 19 50
687. WH 0.5 ENG TXL 19 50
422. TN/BK 0.5 ENG TXL 19 50
418. BN 0.5 ENG TXL 19 50
1224. PK 0.35 ENG TXL 19 50
1225. D-BU 0.35 ENG TXL 19 50
1226. OG 0.35 ENG TXL 19 50
1228. OG/BK 0.5 ENG TXL 19 50
1229. L-BU/WH 0.5 ENG TXL 19 50
1227. YE/BK 0.5 ENG TXL 19 50
1
2762. TN 0.35 ENG TXL 19 50
1983. OG 0.35 ENG TXL 19 50
1984. L-BU 0.35 ENG TXL 19 50
AU E AU A AU B AU S AU T AU U AU N AU R AU P AU C AU D AU L AU M AU K AU V
PWR SOLENOID SOLENOID SOLENOID SOLENOID SOLENOID PSM A PSM B PSM C SOLENOID RTN SENS RTN HI LO
SHIFT A SHIFT B 3/2 D/S TCC ENABLE TCC PWM PSM A PSM B PSM C LINE PRES TRANS TEMP SENS TISS
CASE GND
Transmission-4l60e
900_trans_4l60e
UPC FNA 002
12160493
4L60E_CGND
Ground Distribution
Case Gnd
Page -Gnd Dist-27

NOTES

• 1 — CIRCUIT 1227 UPSIZED BY PSDS, TO COMMONIZE CUT LEAD PROCESSING WITH CIRCUIT 1223

Transmission Controls: 4L60e/4L70e		REVISION	STAGE	VERSION	LAST CHANGED BY	1:06:10 pm	ORGANIZATION	USAGE	
Released 07 GMT900	1_07_trans_tcm_4l60e	013	SSF	1			GMT900	&M30/M70	**GM Proprietary**
Panel Set: 3 of 3 schematic sheet1 4	$IVEDWORK/1_07_trans_tcm_4l60e__013				Thursday, September 29, 2005		Panel Set: 3		

Transmission Controls: 4L80E/4L80E-HD

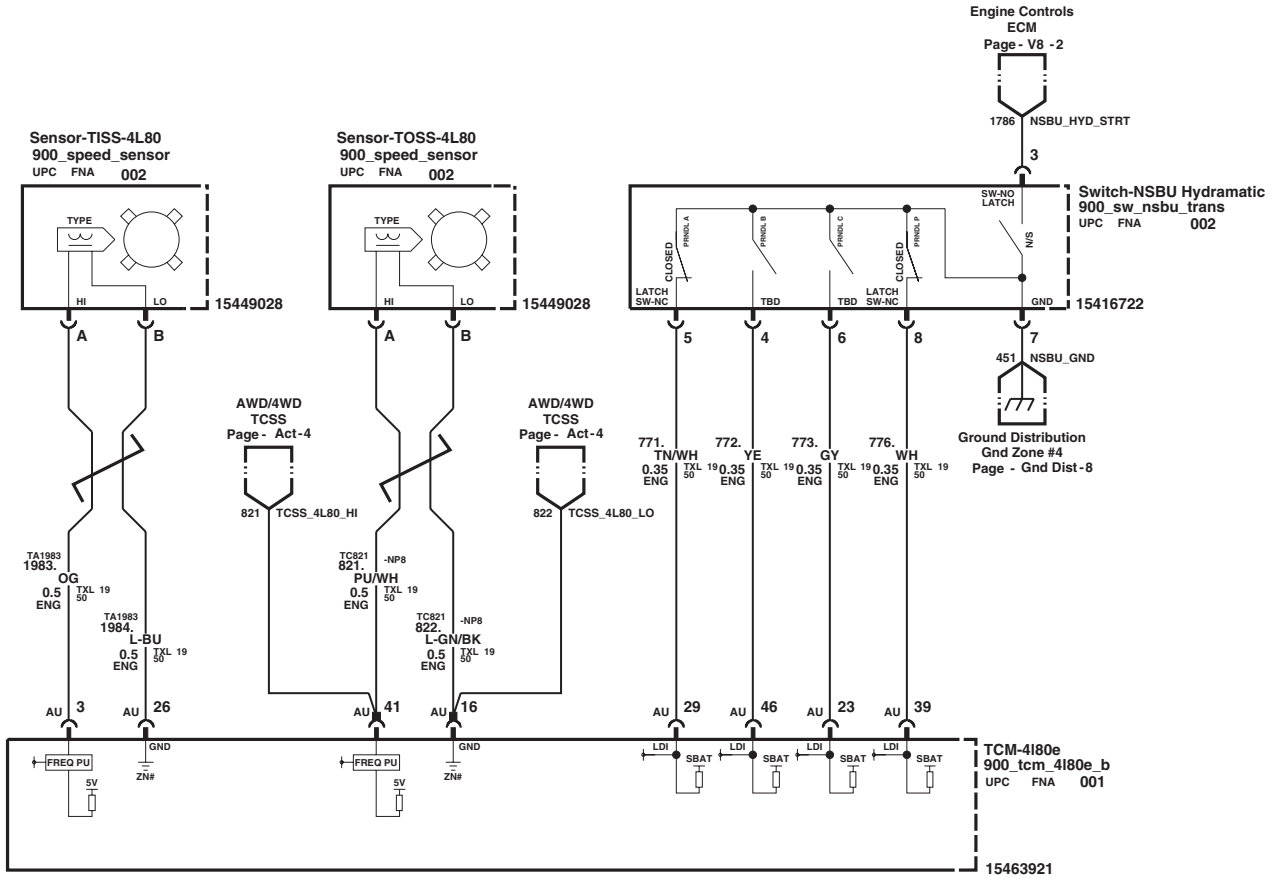


Transmission Controls: 4L80e/4L80e-HD

REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Released 07 GMT900	1_07_trans_tcm_4l80e	013	SSF	1	12:13:39 pm	GMT900	&MN8/MT1
Panel Set: 1 of 3 schematic sheet1 3	$IVEDWORK/1_07_trans_tcm_4l80e__013				Friday, September 2, 2005	Panel Set: 1	

GM Proprietary

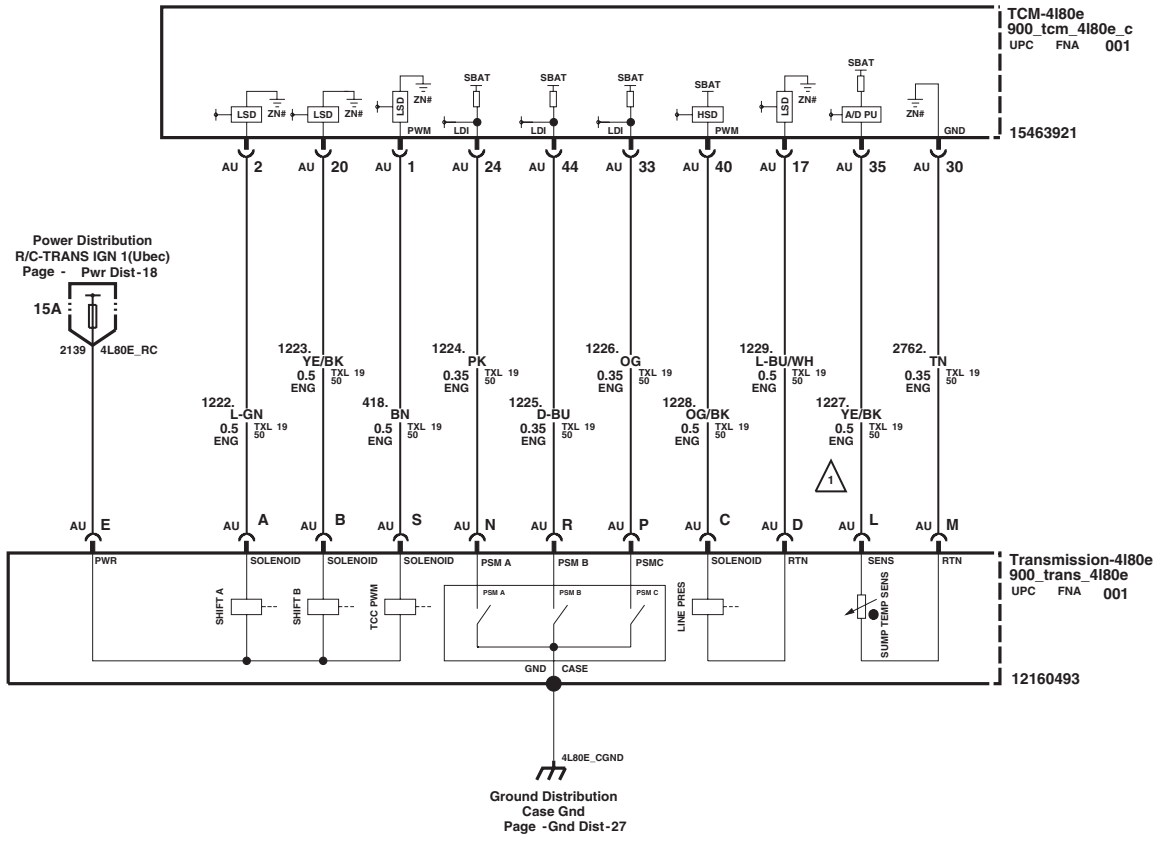
Transmission Controls: 4L80E/4L80E-HD



Transmission Controls: 4L80e/4L80e-HD	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Released 07 GMT900	1_07_trans_tcm_4l80e	013	SSF	1	12:13:39 pm	GMT900	&MN8/MT1
Panel Set: 2 of 3 schematic sheet1 3	$IVEDWORK/1_07_trans_tcm_4l80e__013				Friday, September 2, 2005	Panel Set: 2	

GM Proprietary

Transmission Controls: 4L80E/4L80E-HD

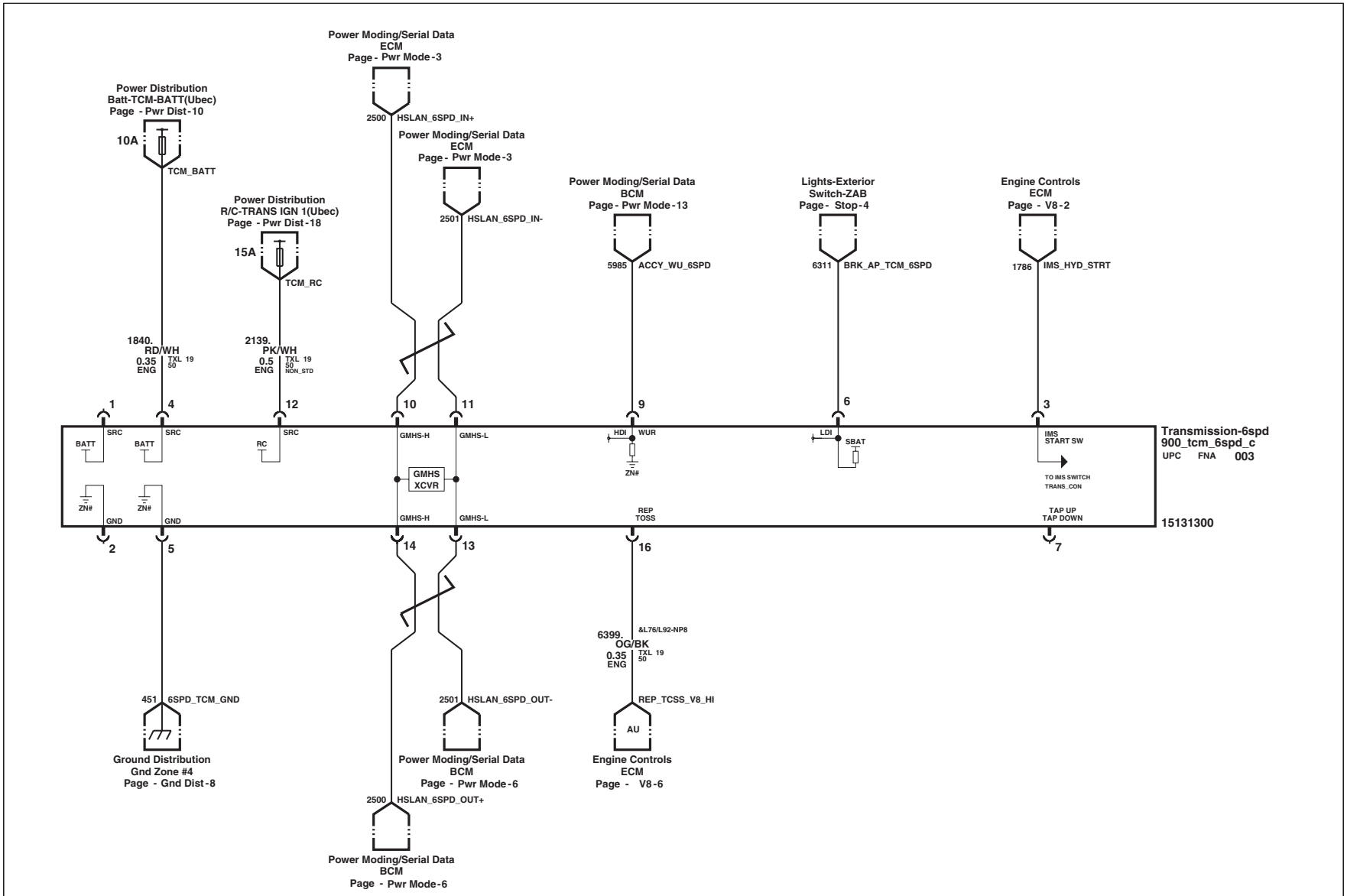

TCM-4l80e
900_tcm_4l80e_c
UPC FNA 001
15463921
LSD ZN# LSD ZN# LSD ZN# SBAT PWM SBAT LDI SBAT LDI SBAT HSD PWM LSD ZN# SBAT A/D PU ZN# GND
AU 2 AU 20 AU 1 AU 24 AU 44 AU 33 AU 40 AU 17 AU 35 AU 30
Power Distribution
R/C-TRANS IGN 1(Ubec)
Page - Pwr Dist-18
15A
2139 4L80E_RC
1222. L-GN 0.5 ENG TXL 19 50
1223. YE/BK 0.5 ENG TXL 19 50
418. BN 0.5 ENG TXL 19 50
1224. PK 0.35 ENG TXL 19 50
1225. D-BU 0.35 ENG TXL 19 50
1226. OG 0.35 ENG TXL 19 50
1228. OG/BK 0.5 ENG TXL 19 50
1229. L-BU/WH 0.5 ENG TXL 19 50
1227. YE/BK 0.5 ENG TXL 19 50
2762. TN 0.35 ENG TXL 19 50
1
AU E AU A AU B AU S AU N AU R AU P AU C AU D AU L AU M
PWR SOLENOID SOLENOID SOLENOID PSM A PSM B PSMC SOLENOID RTN SENS RTN
SHIFT A SHIFT B TCC PWM PSM A PSM B PSM C LINE PRES SUMP TEMP SENS
GND CASE
Transmission-4l80e
900_trans_4l80e
UPC FNA 001
12160493
4L80E_CGND
Ground Distribution
Case Gnd
Page -Gnd Dist-27

NOTES

• 1 — CIRCUIT 1227 UPSIZED BY PSDS, TO COMMONIZE CUT LEAD PROCESSING WITH CIRCUIT 1223

Transmission Controls: 4L80e/4L80e-HD	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE	
Released 07 GMT900	1_07_trans_tcm_4l80e	013	SSF	1	12:13:39 pm	GMT900	&MN8/MT1	GM Proprietary
Panel Set: 3 of 3 schematic sheet1 3	$IVEDWORK/1_07_trans_tcm_4l80e__013				Friday, September 2, 2005	Panel Set: 3		

Transmission Controls: 6L80/6L90

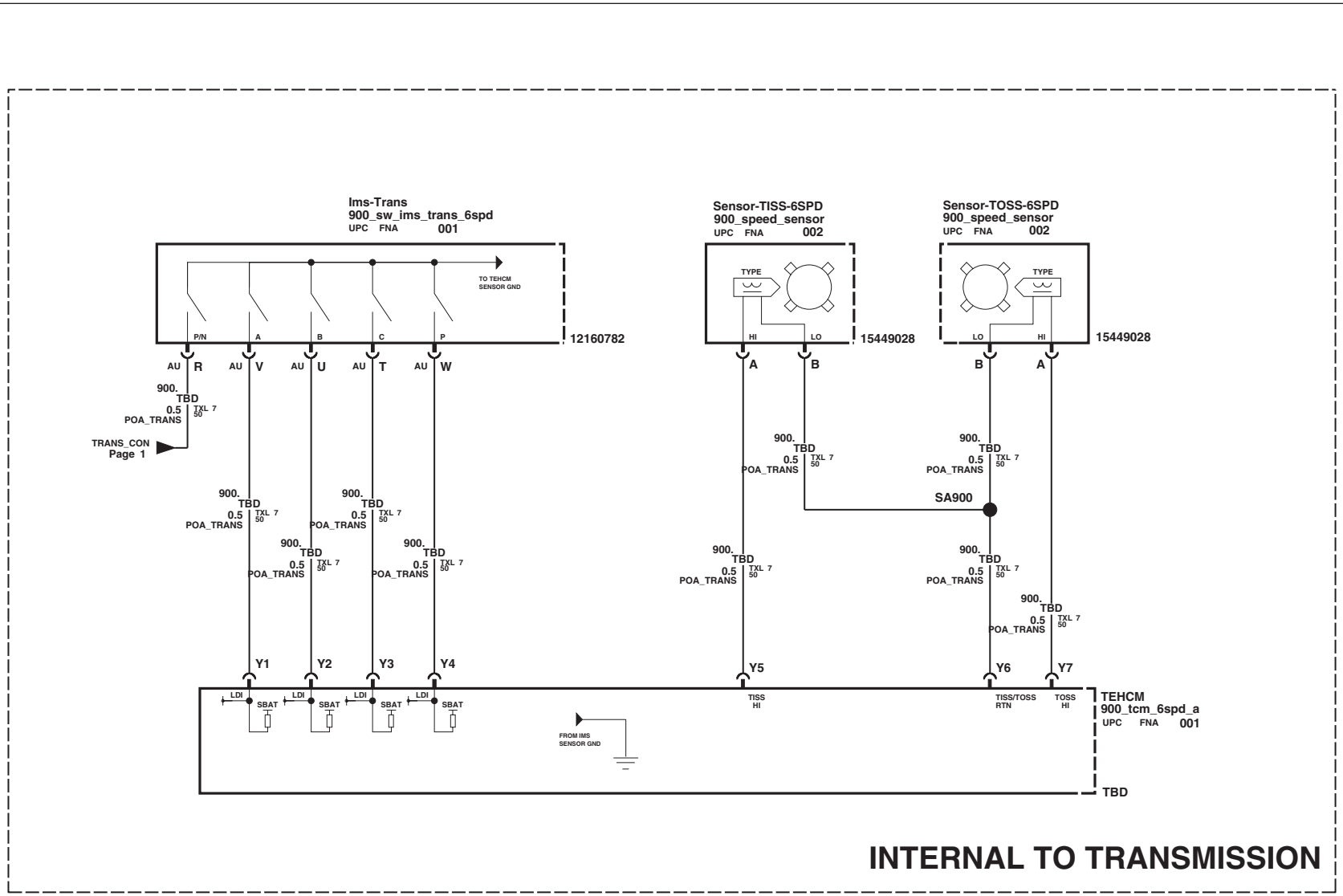


Transmission Controls: 6L80/6L90

REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Released 07 GMT900	1_07_trans_tcm_6spd	013	SSF	1	12:12:17 pm	GMT900	&MYC
Panel Set: 1 of 3 schematic sheet1 3	$IVEDWORK/1_07_trans_tcm_6spd__013				Friday, September 2, 2005	Panel Set: 1	

GM Proprietary

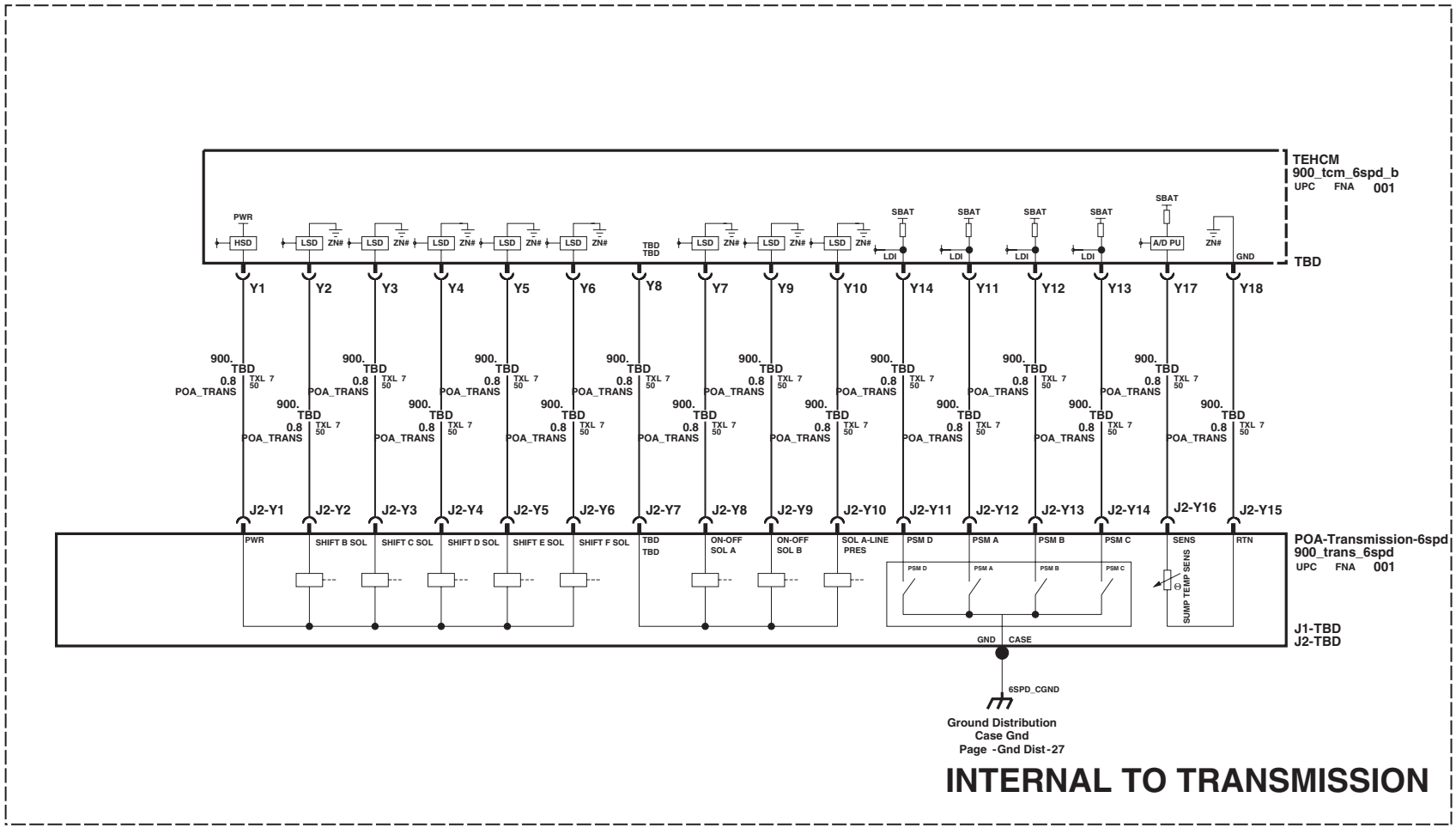
Transmission Controls: 6L80/6L90



Transmission Controls: 6L80/6L90	REVISION	STAGE	VERSION	LAST CHANGED BY	12:12:17 pm	ORGANIZATION	USAGE
Released 07 GMT900	1_07_trans_tcm_6spd	013	SSF	1		GMT900	&MYC
Panel Set: 2 of 3 schematic sheet1 3	$IVEDWORK/1_07_trans_tcm_6spd__013				Friday, September 2, 2005	Panel Set: 2	

GM Proprietary

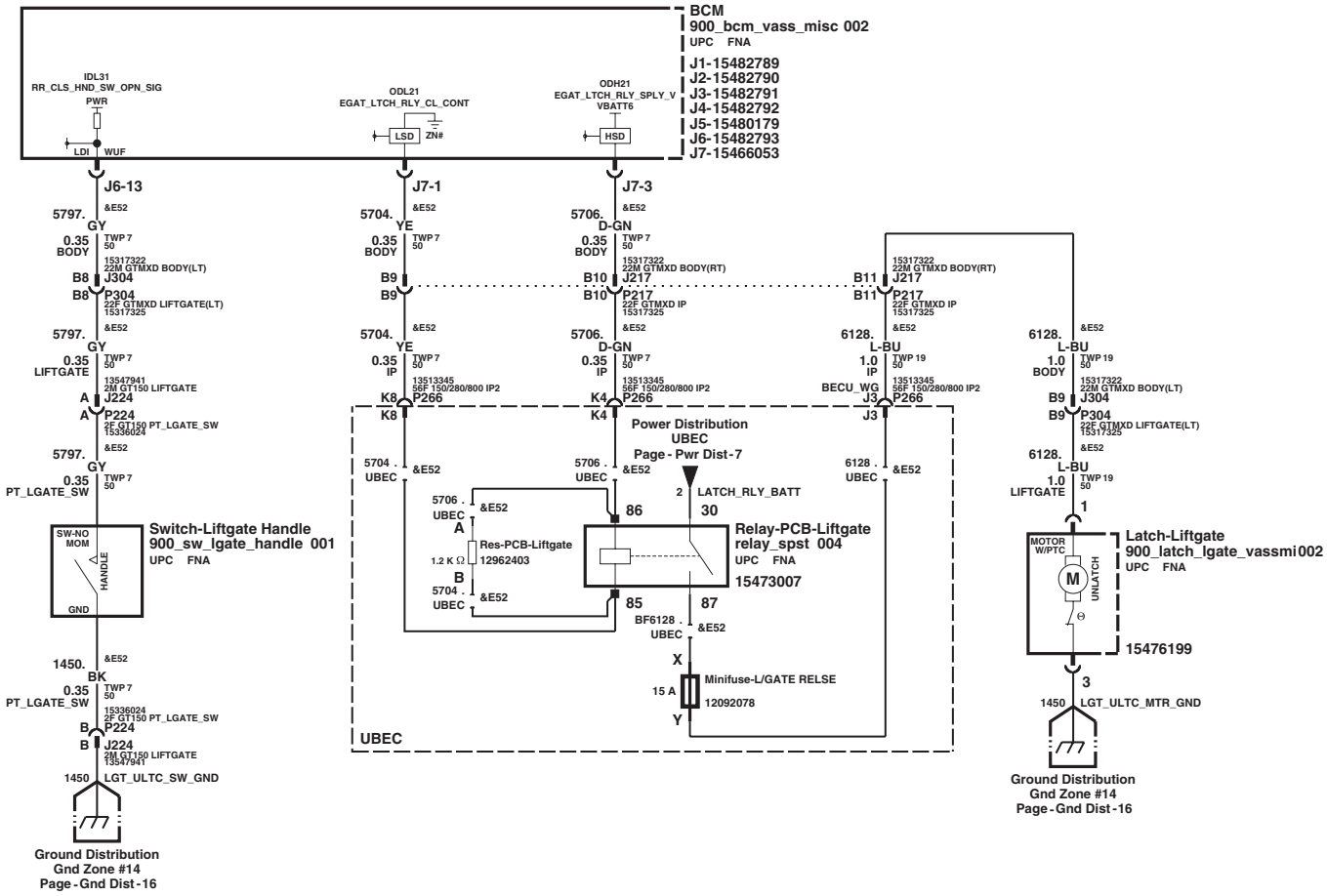
Transmission Controls: 6L80/6L90



Transmission Controls: 6L80/6L90	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Released 07 GMT900 1_07_trans_tcm_6spd	013	SSF	1		12:12:17 pm	GMT900	&MYC
Panel Set: 3 of 3 schematic sheet1 3 $IVEDWORK/1_07_trans_tcm_6spd__013				Friday, September 2, 2005		Panel Set: 3	

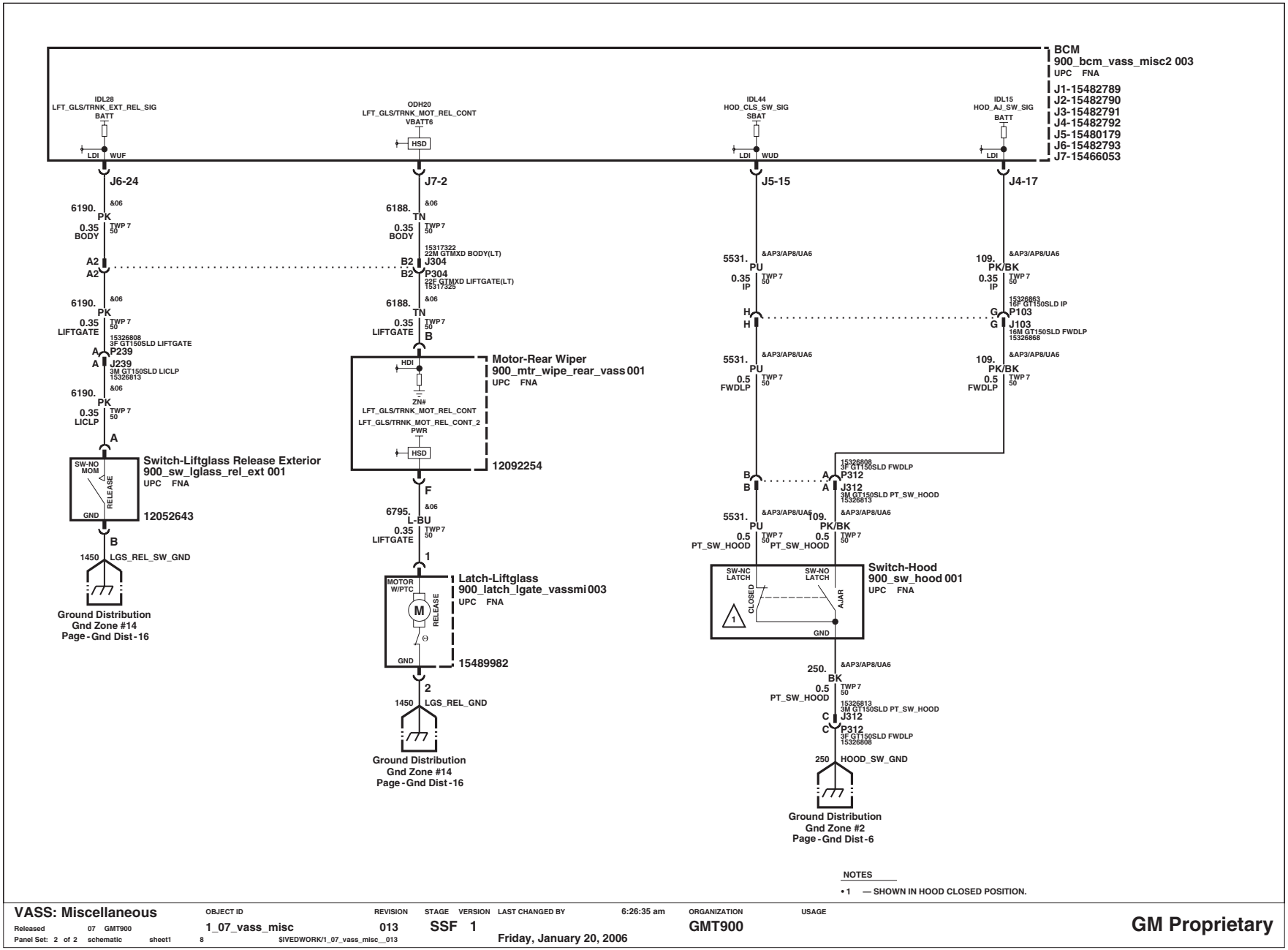
GM Proprietary

VASS: Miscellaneous



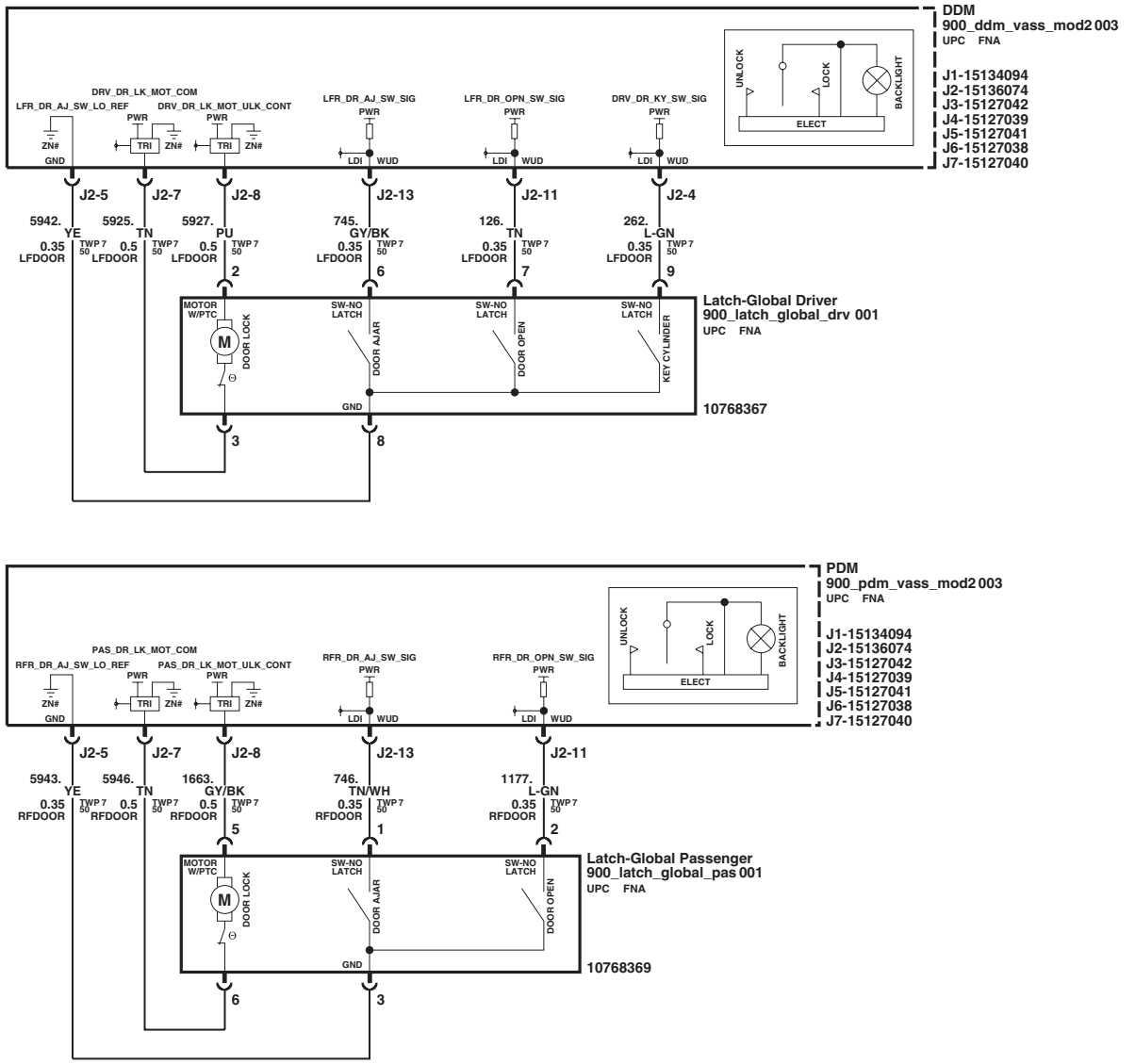
VASS: Miscellaneous	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Released 07 GMT900	1_07_vass_misc	013	SSF	1		6:26:35 am	GMT900	GM Proprietary
Panel Set: 1 of 2 schematic sheet1 8	$IVEDWORK/1_07_vass_misc__013				Friday, January 20, 2006			

VASS: Miscellaneous



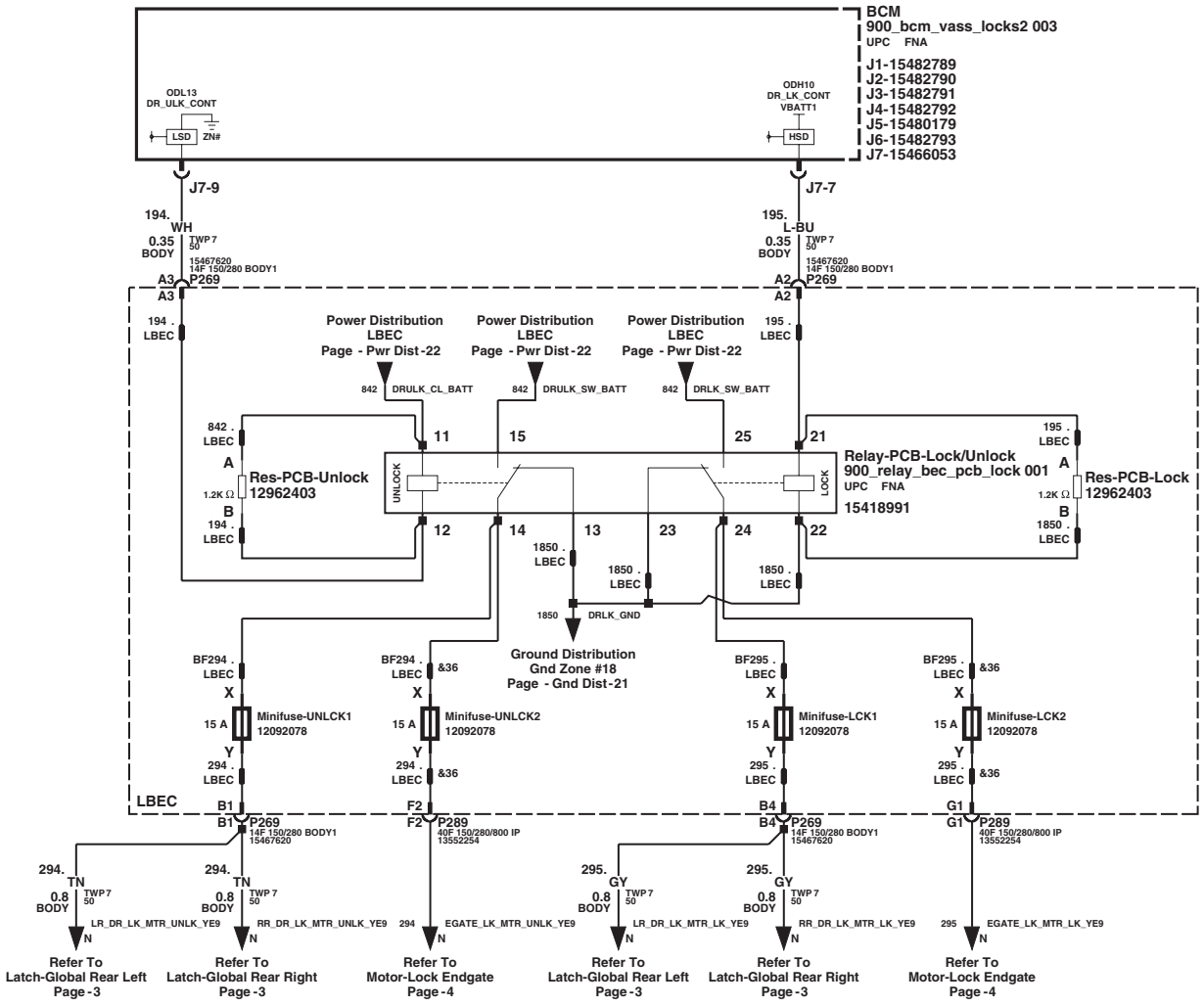
VASS: Miscellaneous	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE	
Released 07 GMT900	1_07_vass_misc	013	SSF	1		6:26:35 am	GMT900		GM Proprietary
Panel Set: 2 of 2 schematic sheet1 8	$IVEDWORK/1_07_vass_misc__013				Friday, January 20, 2006				

VASS: Two Door Modules



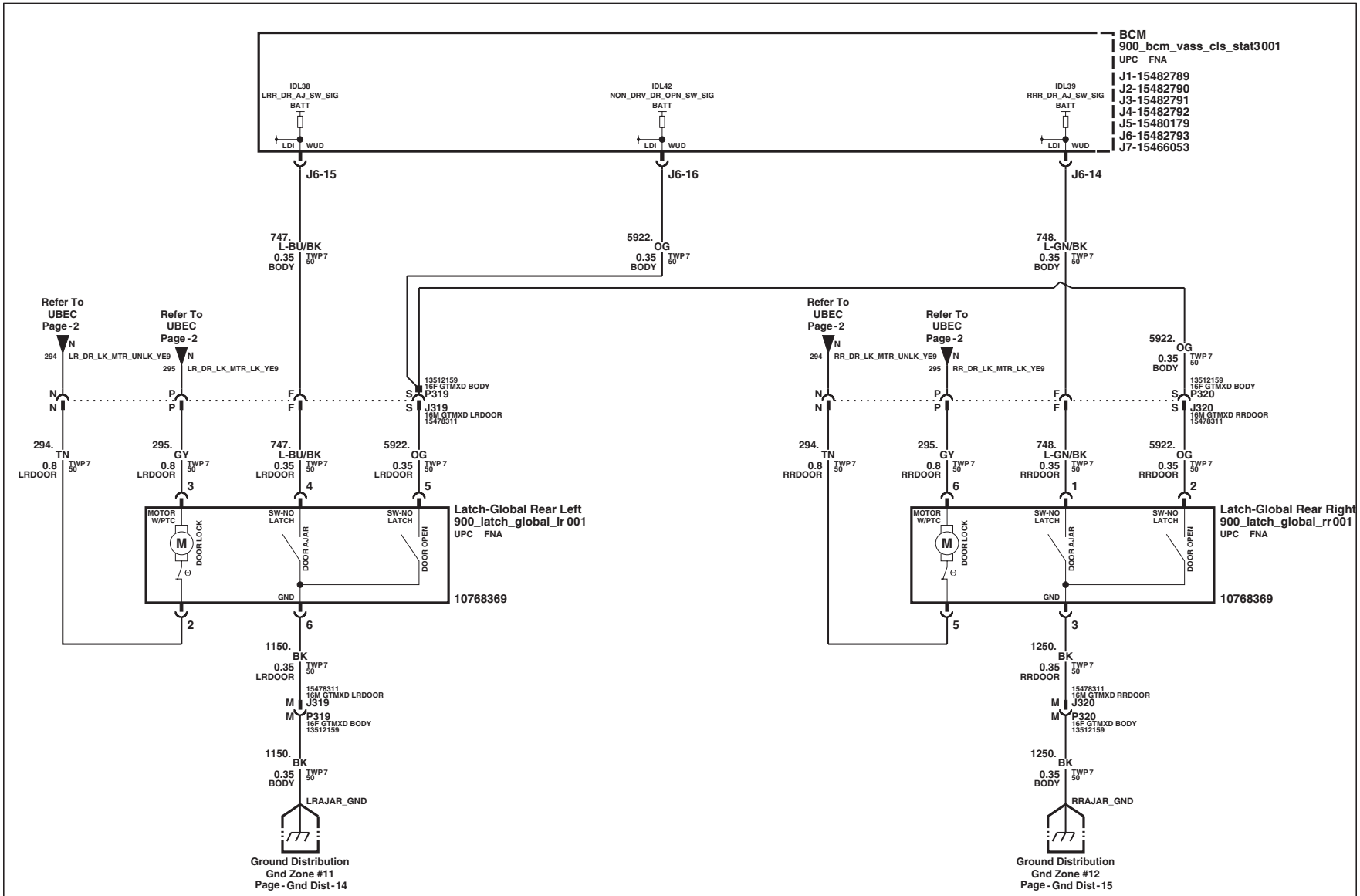
VASS: 2 Door Modules	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Released 07 GMT900	1_07_vass_mod2	013	SSF	1		6:27:14 am	GMT900	GM Proprietary
Panel Set: 1 of 5 schematic sheet1 4	$IVEDWORK/1_07_vass_mod2__013				Friday, January 20, 2006			

VASS: Two Door Modules



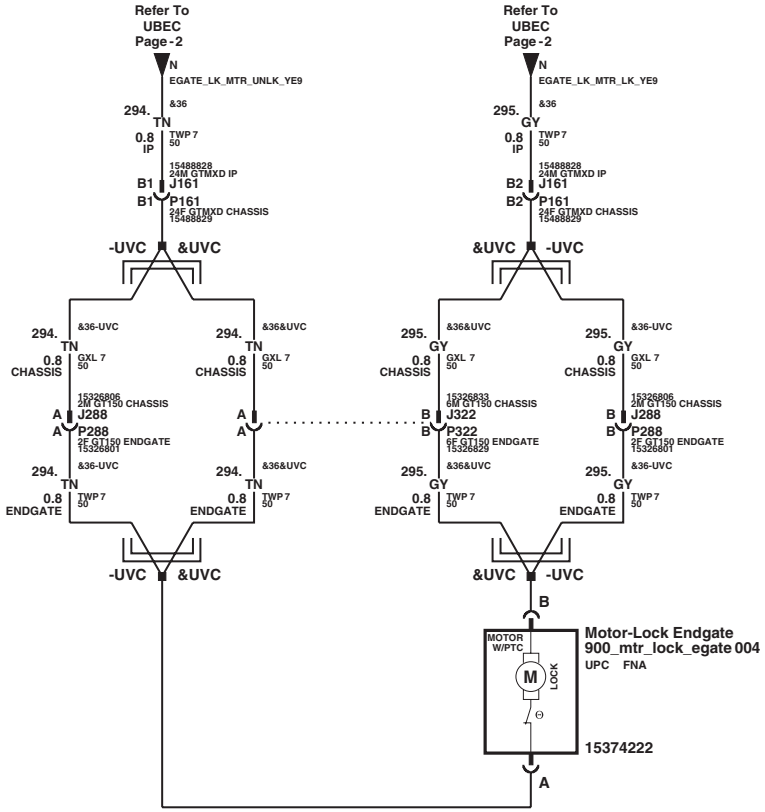
VASS: 2 Door Modules	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Released 07 GMT900	1_07_vass_mod2	013	SSF	1		6:27:14 am	GMT900	
Panel Set: 2 of 5 schematic sheet1 4	$IVEDWORK/1_07_vass_mod2__013				Friday, January 20, 2006			GM Proprietary

VASS: Two Door Modules



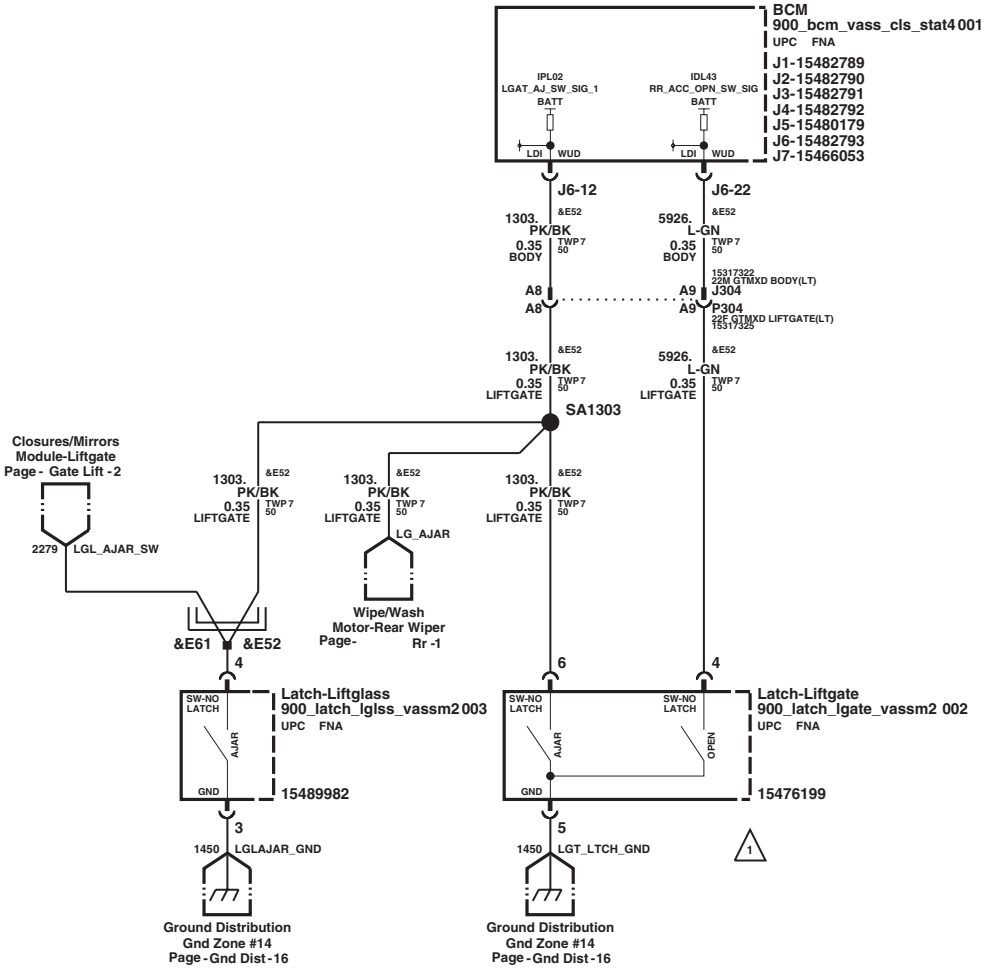
VASS: 2 Door Modules	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	6:27:14 am	ORGANIZATION	USAGE
Released 07 GMT900	1_07_vass_mod2	013	SSF	1			GMT900	GM Proprietary
Panel Set: 3 of 5 schematic sheet1 4	$IVEDWORK/1_07_vass_mod2__013				Friday, January 20, 2006			

VASS: Two Door Modules



VASS: 2 Door Modules	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	6:27:14 am	ORGANIZATION	USAGE
Released 07 GMT900	1_07_vass_mod2	013	SSF	1			GMT900	GM Proprietary
Panel Set: 4 of 5 schematic sheet1 4	$IVEDWORK/1_07_vass_mod2__013				Friday, January 20, 2006			

VASS: Two Door Modules

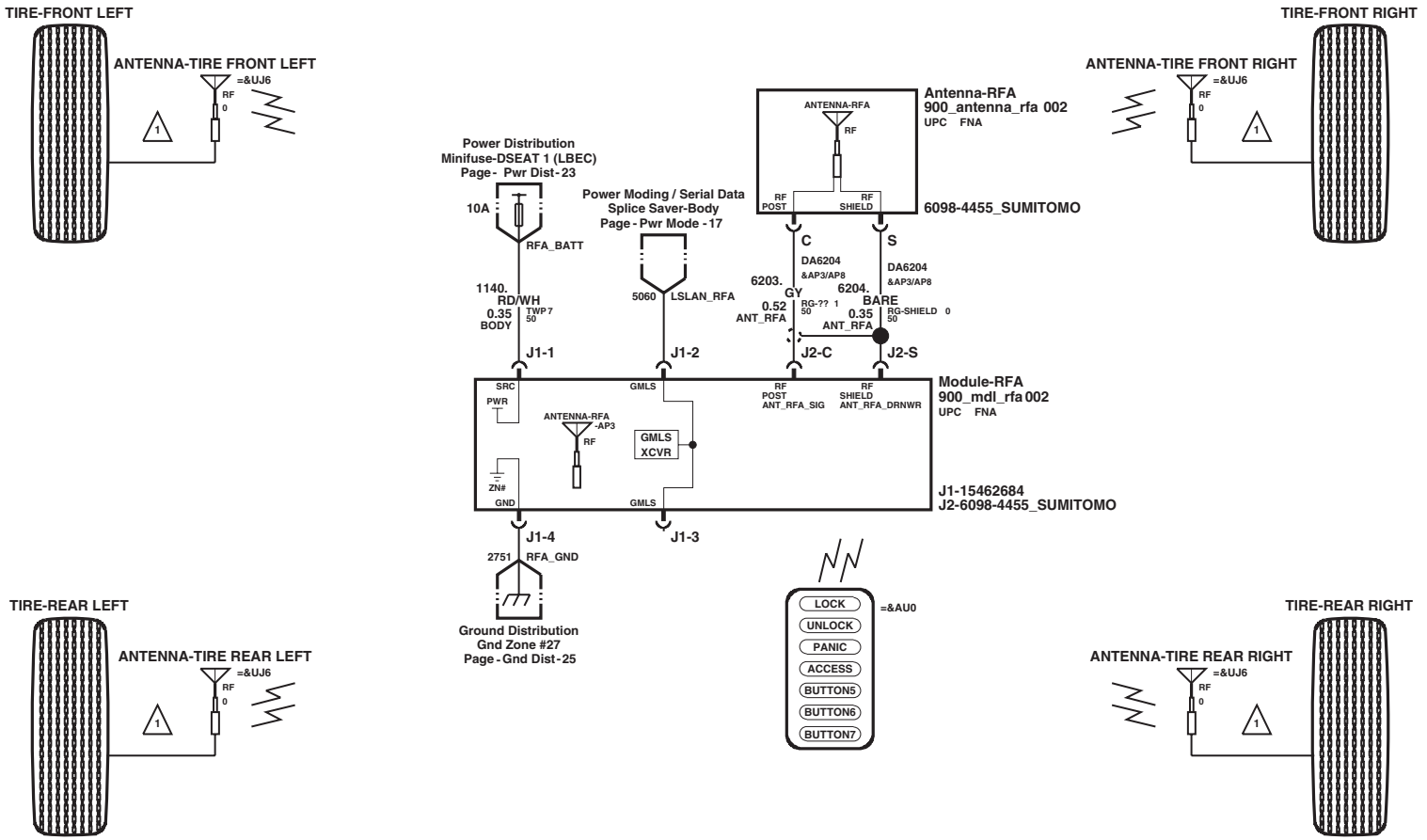


NOTES

• 1 — SWITCHES SHOWN WITH LIFTGATE / GLASS CLOSED.

VASS: 2 Door Modules	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	6:27:14 am	ORGANIZATION	USAGE
Released 07 GMT900	1_07_vass_mod2	013	SSF	1			GMT900	GM Proprietary
Panel Set: 5 of 5 schematic sheet1 4	$IVEDWORK/1_07_vass_mod2__013				Friday, January 20, 2006			

VASS: Remote Function Actuator – Tire Pressure Monitor



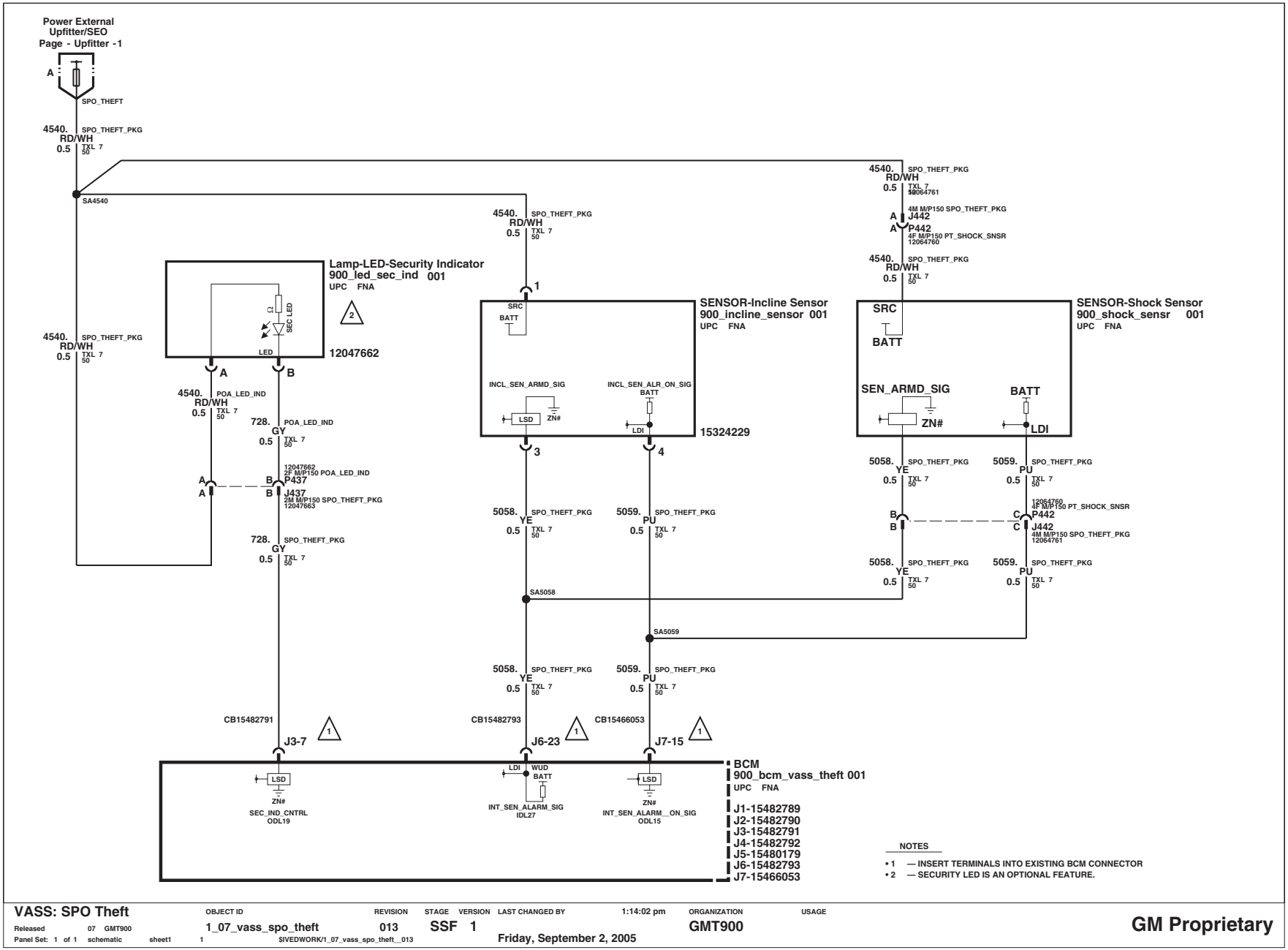
NOTES

- 1 — TIRE ANTENNAS SHOWN FOR FUNCTIONALITY. INTERNAL TO VALVE STEM.
- 2 — SPARES & DUALIES NOT MONITORED.

• TIRE PRESSURE MONITORING ON VEHICLES BELOW 10,000 GVWR FOR GMT900.

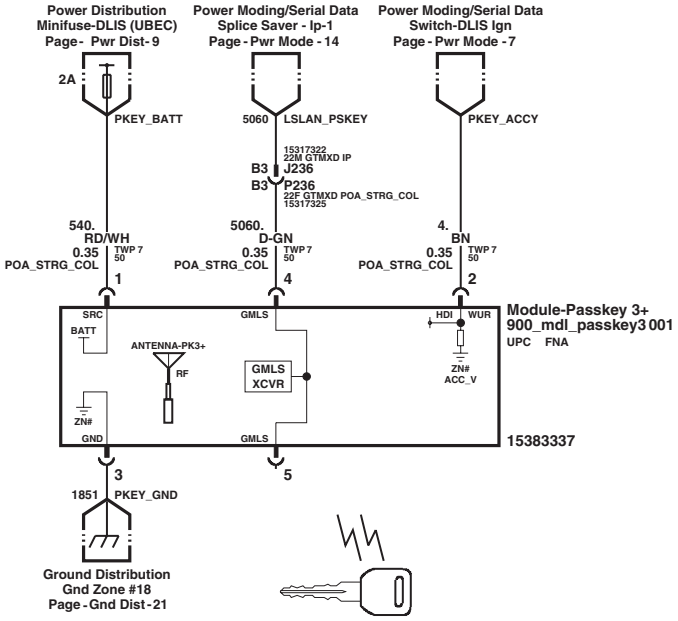
VASS: Remote Function Actuator - Tire Pressure Monitor	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE	
Released 07 GMT900 1_07_vass_rfa_tire 013	SSF	1		1:13:53 pm	GMT900	&AU0/UJ6	GM Proprietary
Panel Set: 1 of 1 schematic sheet1 1 $IVEDWORK/1_07_vass_rfa_tire__013			Friday, September 2, 2005				

VASS: SPO Theft



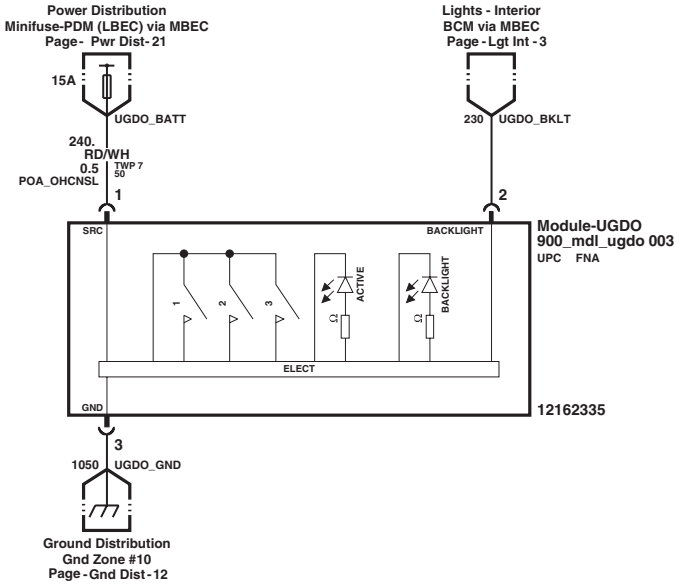
VASS: SPO Theft	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Released 07 GMT900	1_07_vass_spo_theft	013	SSF	1		1:14:02 pm	GMT900	GM Proprietary
Panel Set: 1 of 1 schematic sheet1 1	$IVEDWORK/1_07_vass_spo_theft__013				Friday, September 2, 2005			

VASS: Theft (Drive Away)



VASS: Theft (Drive Away)	OBJECT ID		REVISION	STAGE	VERSION	LAST CHANGED BY	1:14:12 pm	ORGANIZATION	USAGE
Released 07 GMT900	1_07_vass_theft_drv		013	SSF	1			GMT900	GM Proprietary
Panel Set: 1 of 1 schematic sheet1 1	$IVEDWORK/1_07_vass_theft_drv__013					Friday, September 2, 2005			

VASS: Universal Garage Door Opener



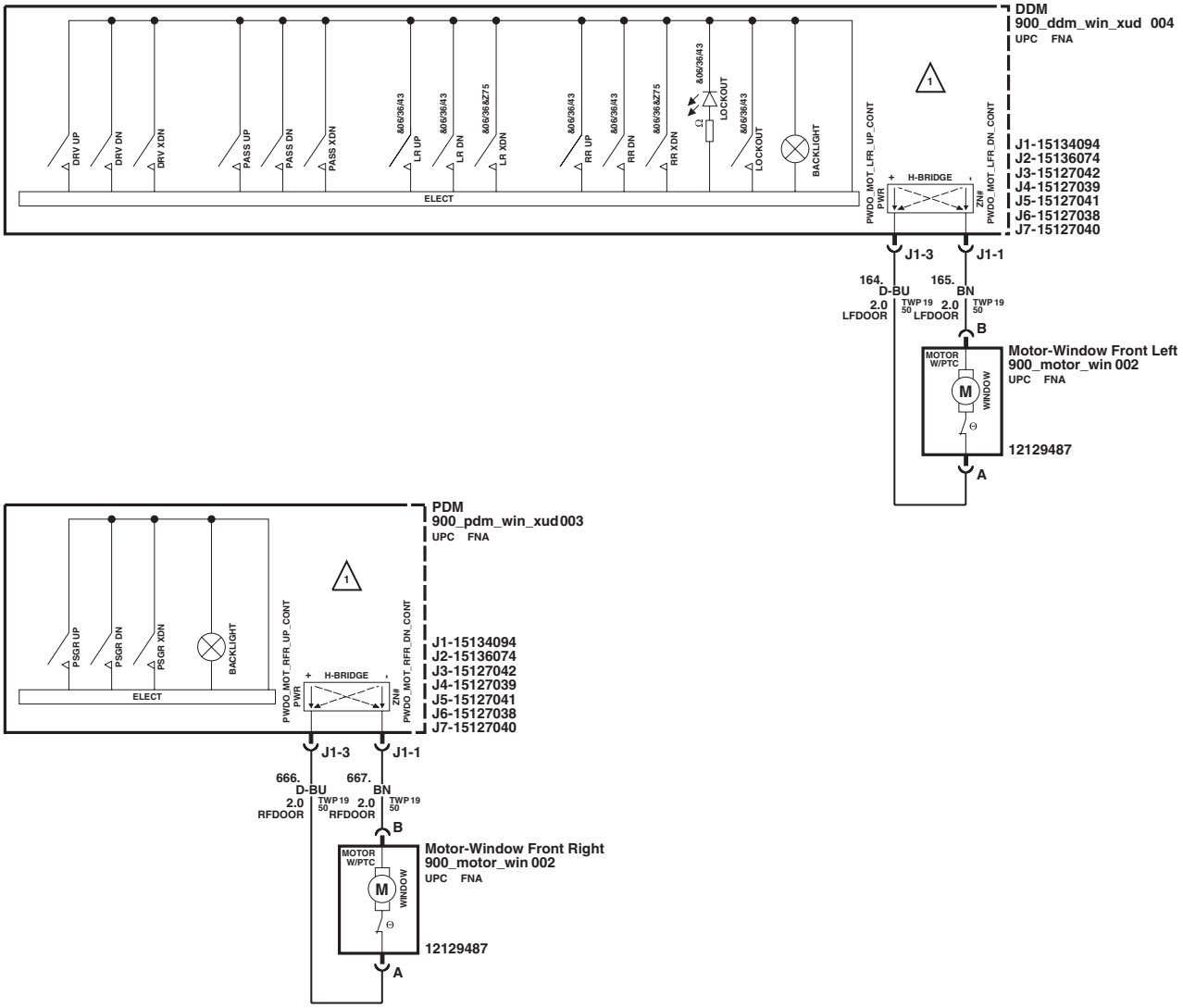
VASS: Universal Garage Door Opener | REVISION | STAGE | VERSION | LAST CHANGED BY | 1:14:24 pm | ORGANIZATION | USAGE

Released 07 GMT900 | 1_07_vass_ugdo | 013 | SSF | 1 | GMT900 | &UG1

Panel Set: 1 of 1 schematic sheet1 1 $IVEDWORK/1_07_vass_ugdo__013 | Friday, September 2, 2005

GM Proprietary

Windows: Express Down, Two Door Modules

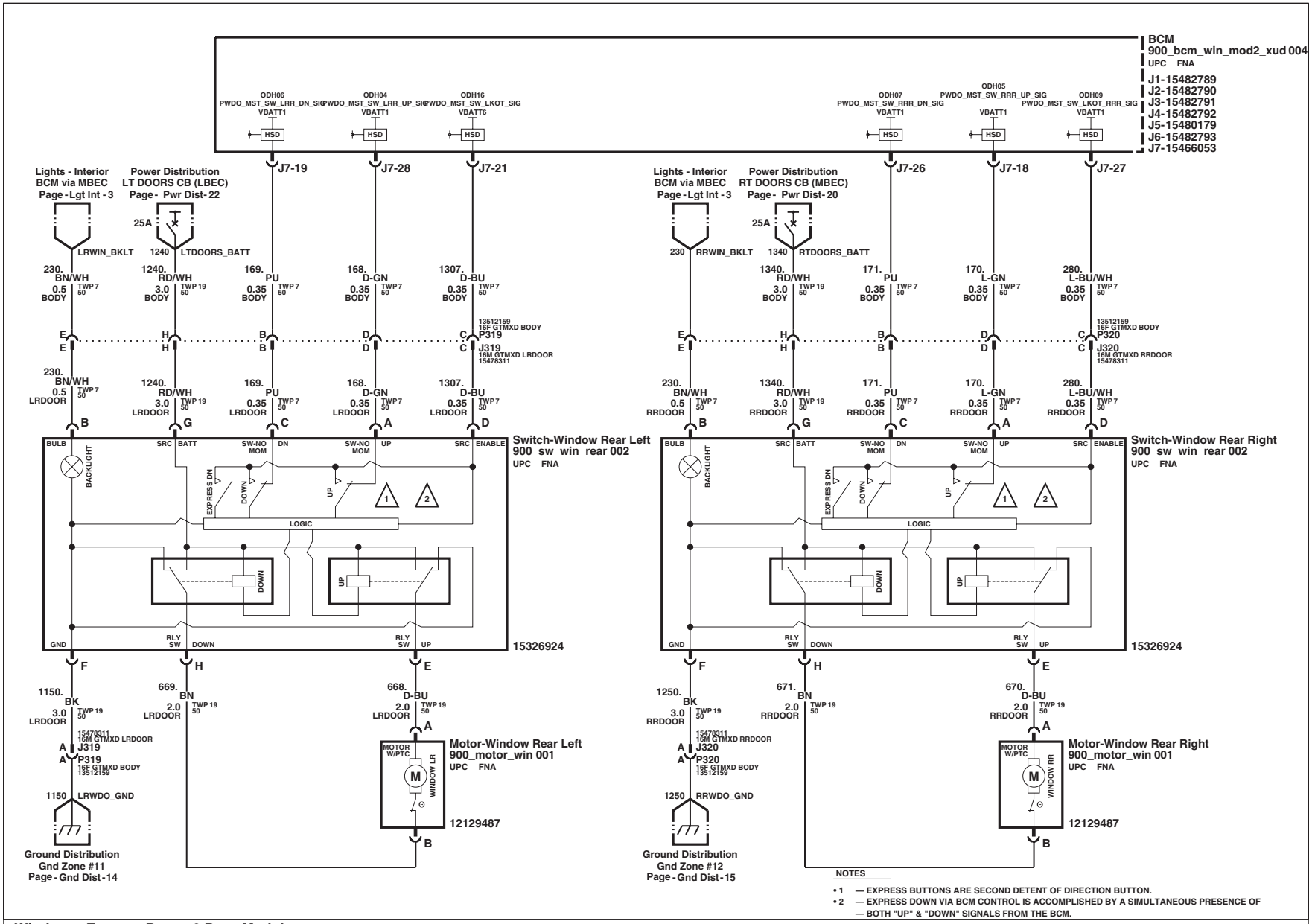


NOTES

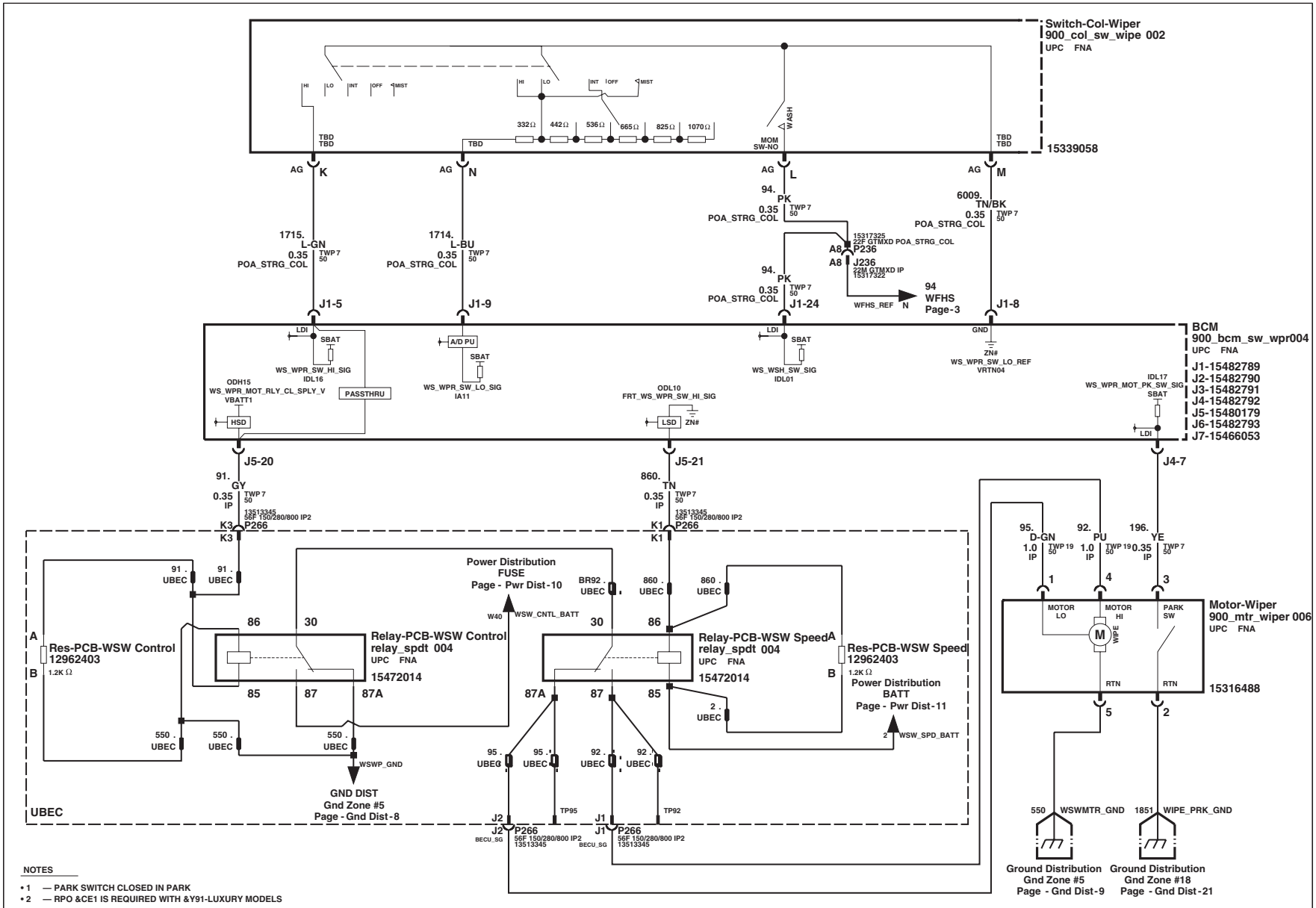
• 1 — EXPRESS BUTTONS ARE SECOND DETENT OF DIRECTION BUTTON.

Windows: Express Down 2 Door Modules	REVISION	STAGE	VERSION	LAST CHANGED BY	9:47:10 am	ORGANIZATION	USAGE	
Released 07 GMT900	1_07_win_mod2_xud	013	SSF	1		GMT900	&A31	GM Proprietary
Panel Set: 1 of 2 schematic sheet1 6	$IVEDWORK/1_07_win_mod2_xud__013				Tuesday, January 3, 2006			

Windows: Express Down, Two Door Modules


BCM
900_bcm_win_mod2_xud 004
UPC FNA
J1-15482789
J2-15482790
J3-15482791
J4-15482792
J5-15480179
J6-15482793
J7-15466053
ODH06 PWDO_MST_SW_LRR_DN_SIG VBATT1 HSD
ODH04 PWDO_MST_SW_LRR_UP_SIG VBATT1 HSD
ODH16 PWDO_MST_SW_LKOT_SIG VBATT6 HSD
ODH07 PWDO_MST_SW_RRR_DN_SIG VBATT1 HSD
ODH05 PWDO_MST_SW_RRR_UP_SIG VBATT1 HSD
ODH09 PWDO_MST_SW_LKOT_RRR_SIG VBATT1 HSD
J7-19
J7-28
J7-21
J7-26
J7-18
J7-27
Lights - Interior BCM via MBEC Page - Lgt Int - 3
Power Distribution LT DOORS CB (LBEC) Page - Pwr Dist - 22
Power Distribution RT DOORS CB (MBEC) Page - Pwr Dist - 20
25A
LRWIN_BKLT
LTDOORS_BATT
RRWIN_BKLT
RTDOORS_BATT
230. BN/WH 0.5 TWP 7 50 BODY
1240. RD/WH 3.0 TWP 19 50 BODY
169. PU 0.35 TWP 7 50 BODY
168. D-GN 0.35 TWP 7 50 BODY
1307. D-BU 0.35 TWP 7 50 BODY
1340. RD/WH 3.0 TWP 19 50 BODY
171. PU 0.35 TWP 7 50 BODY
170. L-GN 0.35 TWP 7 50 BODY
280. L-BU/WH 0.35 TWP 7 50 BODY
13512159 16F GTMXD BODY P319
J319 16M GTMXD LRDOOR 15478311
P320
J320 16M GTMXD RRDOOR 15478311
230. BN/WH 0.5 TWP 7 50 LRDOOR
1240. RD/WH 3.0 TWP 19 50 LRDOOR
169. PU 0.35 TWP 7 50 LRDOOR
168. D-GN 0.35 TWP 7 50 LRDOOR
1307. D-BU 0.35 TWP 7 50 LRDOOR
230. BN/WH 0.5 TWP 7 50 RRDOOR
1340. RD/WH 3.0 TWP 19 50 RRDOOR
171. PU 0.35 TWP 7 50 RRDOOR
170. L-GN 0.35 TWP 7 50 RRDOOR
280. L-BU/WH 0.35 TWP 7 50 RRDOOR
Switch-Window Rear Left 900_sw_win_rear 002 UPC FNA
Switch-Window Rear Right 900_sw_win_rear 002 UPC FNA
BULB BACKLIGHT SRC BATT SW-NO MOM DN SW-NO MOM UP SRC ENABLE
EXPRESS DN DOWN UP 1 2 LOGIC
GND RLY SW DOWN RLY SW UP
15326924
1150. BK 3.0 TWP 19 50 LRDOOR
669. BN 2.0 TWP 19 50 LRDOOR
668. D-BU 2.0 TWP 19 50 LRDOOR
1250. BK 3.0 TWP 19 50 RRDOOR
671. BN 2.0 TWP 19 50 RRDOOR
670. D-BU 2.0 TWP 19 50 RRDOOR
15478311 16M GTMXD LRDOOR J319 P319 16F GTMXD BODY 13512159
15478311 16M GTMXD RRDOOR J320 P320 16F GTMXD BODY 13512159
MOTOR W/PTC M WINDOW LR
MOTOR W/PTC M WINDOW RR
Motor-Window Rear Left 900_motor_win 001 UPC FNA
Motor-Window Rear Right 900_motor_win 001 UPC FNA
12129487
1150 LRWDO_GND
1250 RRWDO_GND
Ground Distribution Gnd Zone #11 Page - Gnd Dist - 14
Ground Distribution Gnd Zone #12 Page - Gnd Dist - 15
NOTES
• 1 — EXPRESS BUTTONS ARE SECOND DETENT OF DIRECTION BUTTON.
• 2 — EXPRESS DOWN VIA BCM CONTROL IS ACCOMPLISHED BY A SIMULTANEOUS PRESENCE OF — BOTH "UP" & "DOWN" SIGNALS FROM THE BCM.
Windows: Express Down 2 Door Modules
REVISION STAGE VERSION LAST CHANGED BY 9:47:10 am ORGANIZATION USAGE
Released 07 GMT900 1_07_win_mod2_xud 013 SSF 1 GMT900 &A31
Panel Set: 2 of 2 schematic sheet1 6 $IVEDWORK/1_07_win_mod2_xud__013 Tuesday, January 3, 2006
GM Proprietary

Wipe/Wash: Front Wipers

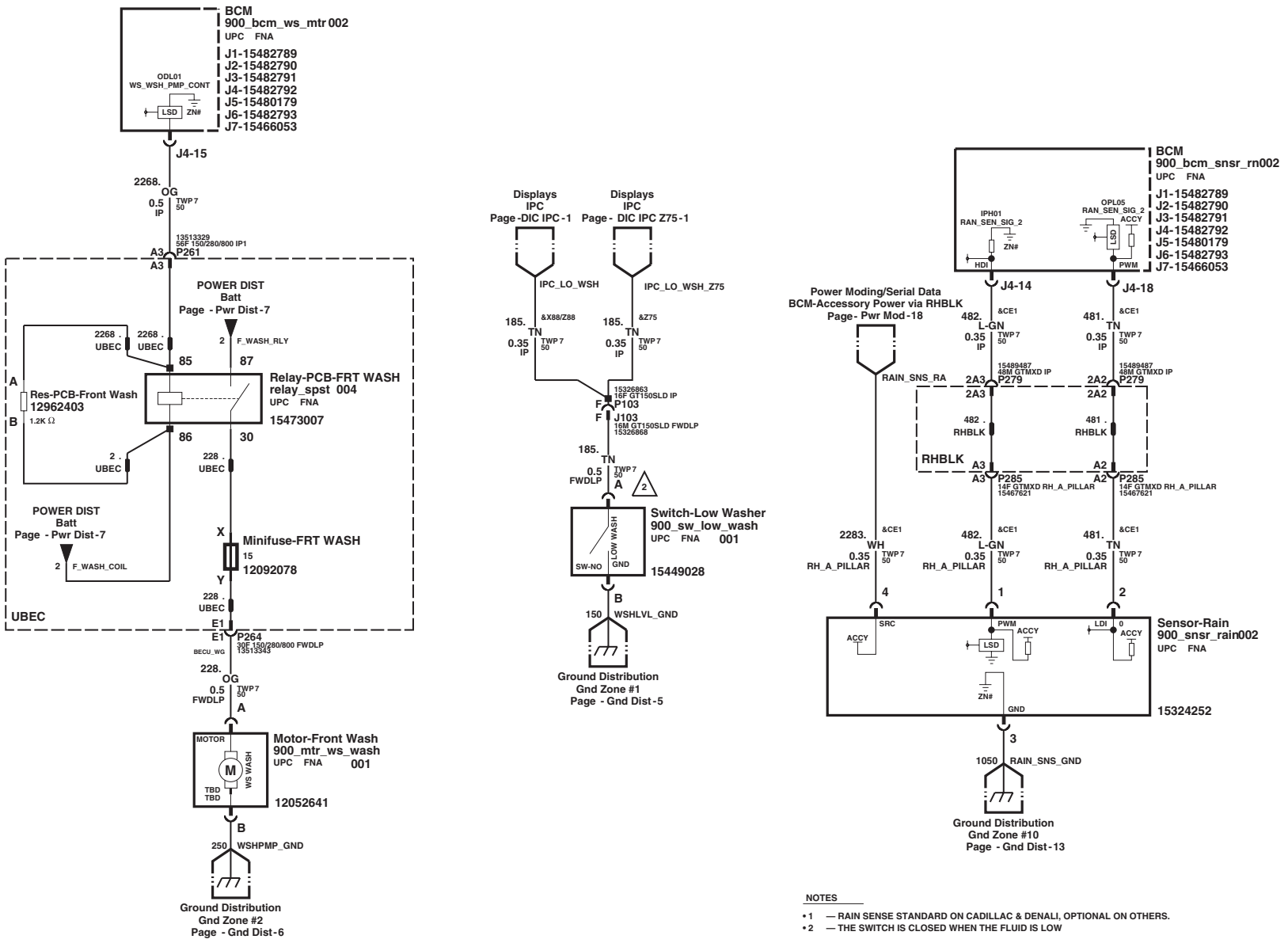


NOTES

- 1 — PARK SWITCH CLOSED IN PARK
- 2 — RPO &CE1 IS REQUIRED WITH &Y91-LUXURY MODELS

Wipe/Wash: Front Wipers	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	12:10:49 pm	ORGANIZATION	USAGE
Released 07 GMT900	1_07_wipe_frt	013	SSF	1	Bob Cross		GMT900	GM Proprietary
Panel Set: 1 of 3 schematic sheet1 3	$IVEDWORK/1_07_wipe_frt__013				Friday, January 13, 2006			

Wipe/Wash: Front Wipers

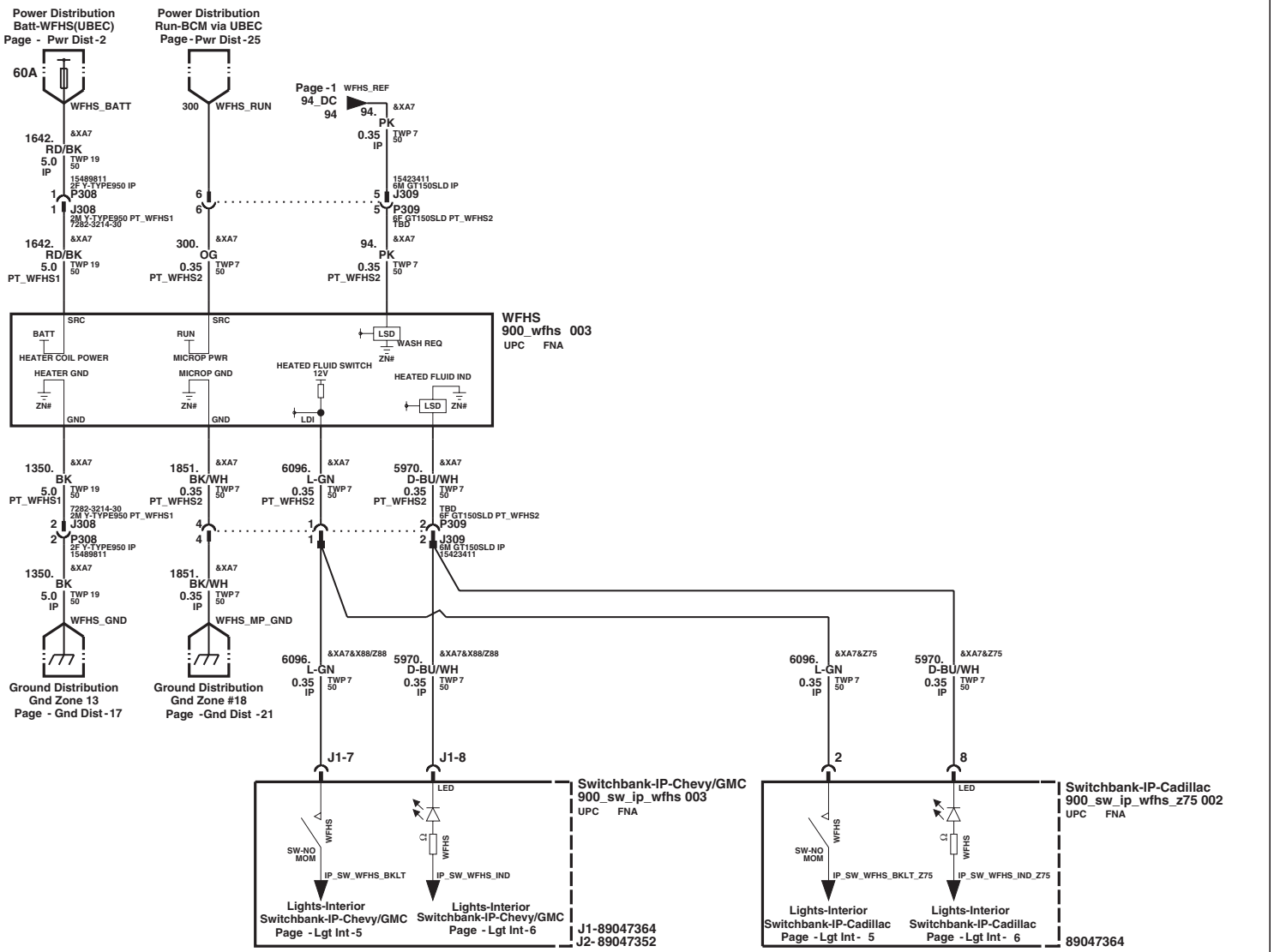


NOTES

- 1 — RAIN SENSE STANDARD ON CADILLAC & DENALI, OPTIONAL ON OTHERS.
- 2 — THE SWITCH IS CLOSED WHEN THE FLUID IS LOW

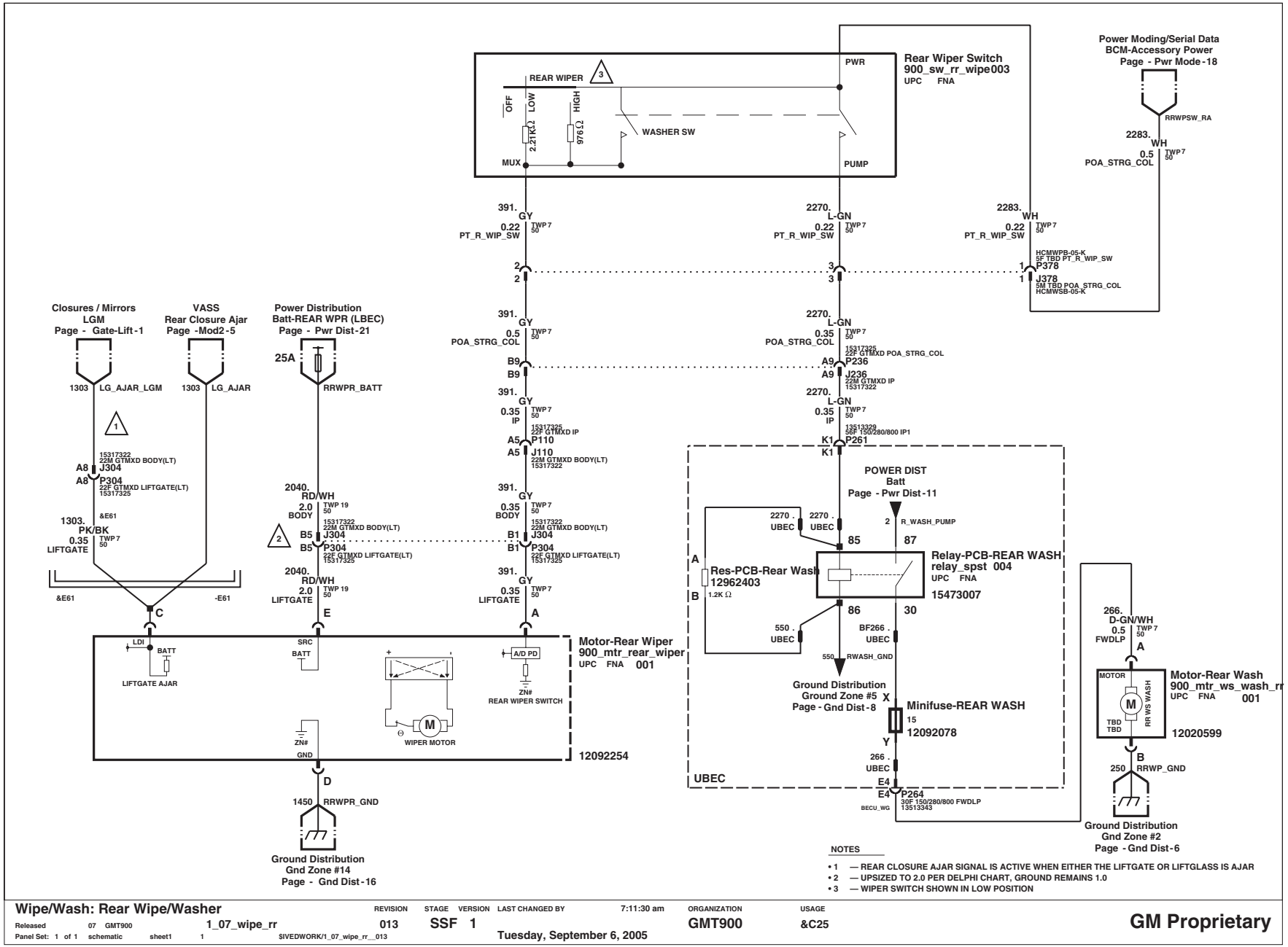
Wipe/Wash: Front Wipers	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Released 07 GMT900	1_07_wipe_frt	013	SSF	1		12:10:49 pm	GMT900	GM Proprietary
Panel Set: 2 of 3 schematic sheet1 3	$IVEDWORK/1_07_wipe_frt__013				Friday, January 13, 2006			

Wipe/Wash: Front Wipers



Wipe/Wash: Front Wipers	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Released 07 GMT900	1_07_wipe_frt	013	SSF	1		12:10:49 pm	GMT900	GM Proprietary
Panel Set: 3 of 3 schematic sheet1 3	$IVEDWORK/1_07_wipe_frt__013				Friday, January 13, 2006			

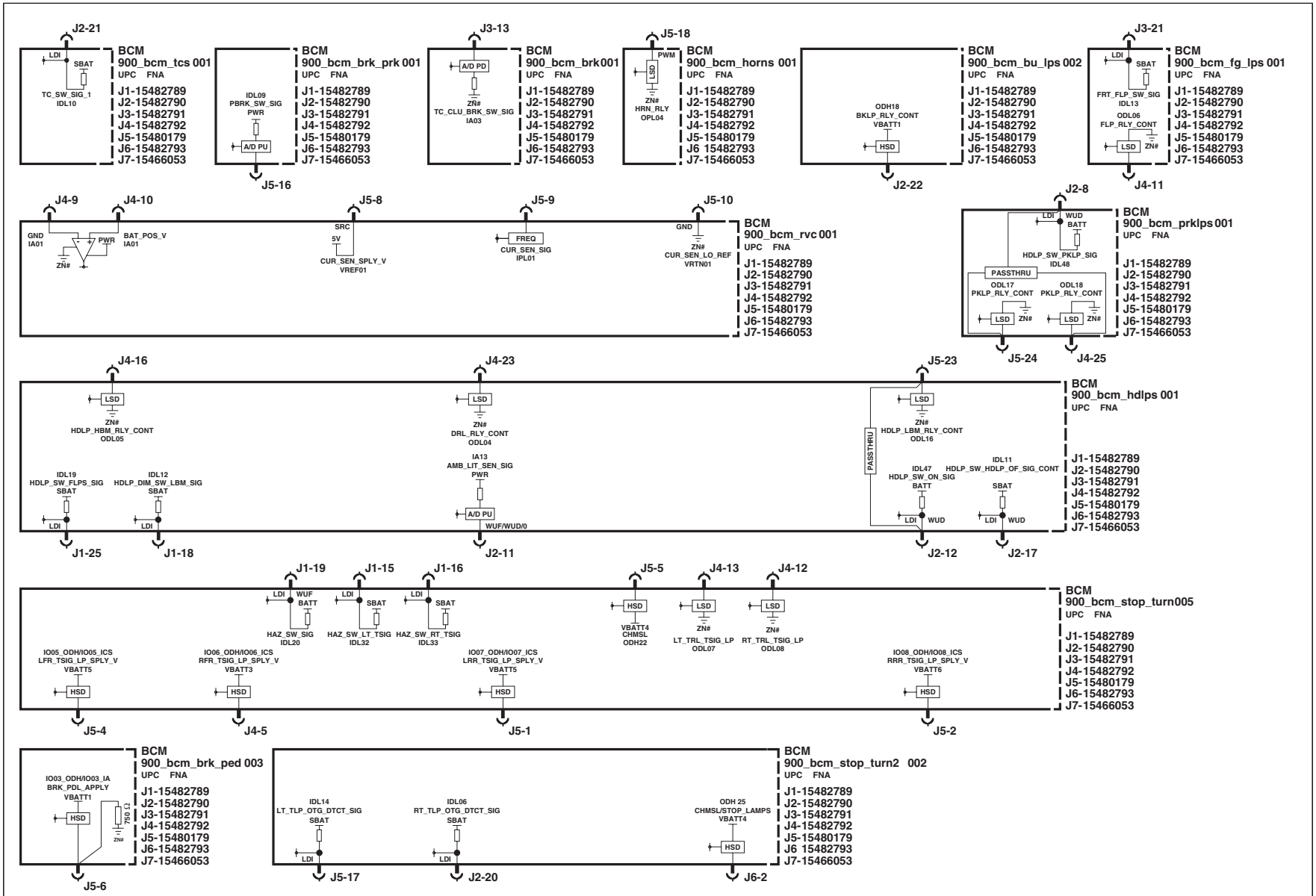
Wipe/Wash: Rear Wipe/Washer



Wipe/Wash: Rear Wipe/Washer	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Released 07 GMT900 1_07_wipe_rr	013	SSF	1		7:11:30 am	GMT900	&C25
Panel Set: 1 of 1 schematic sheet1 1 $IVEDWORK/1_07_wipe_rr__013					Tuesday, September 6, 2005		

GM Proprietary

Appendix: BCM

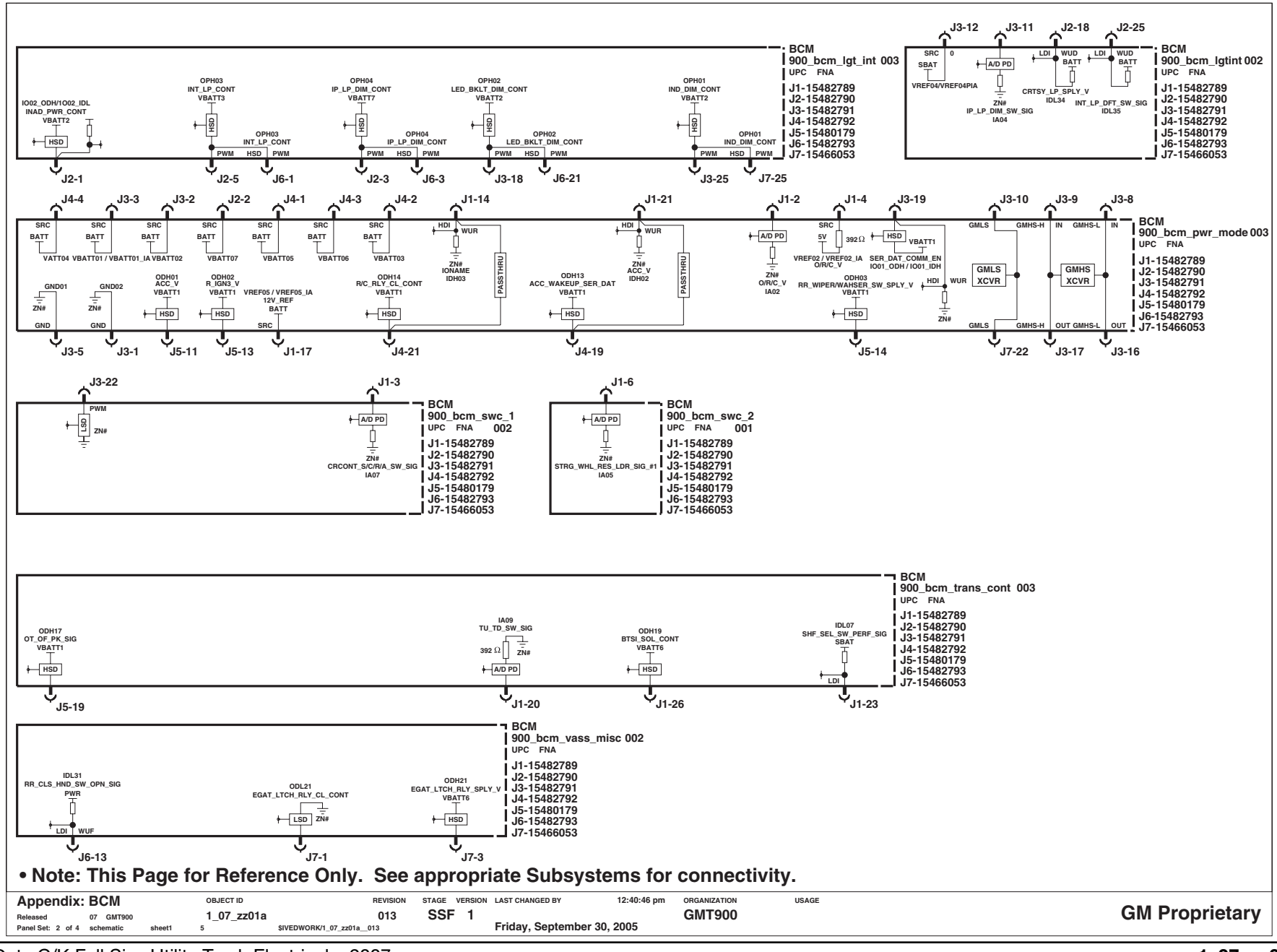


• **Note: This Page for Reference Only. See appropriate Subsystems for connectivity.**

Appendix: BCM	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	12:40:46 pm	ORGANIZATION	USAGE
Released 07 GMT900	1_07_zz01a	013	SSF	1			GMT900	
Panel Set: 1 of 4 schematic sheet1 5	$IVEDWORK/1_07_zz01a__013				Friday, September 30, 2005			

GM Proprietary

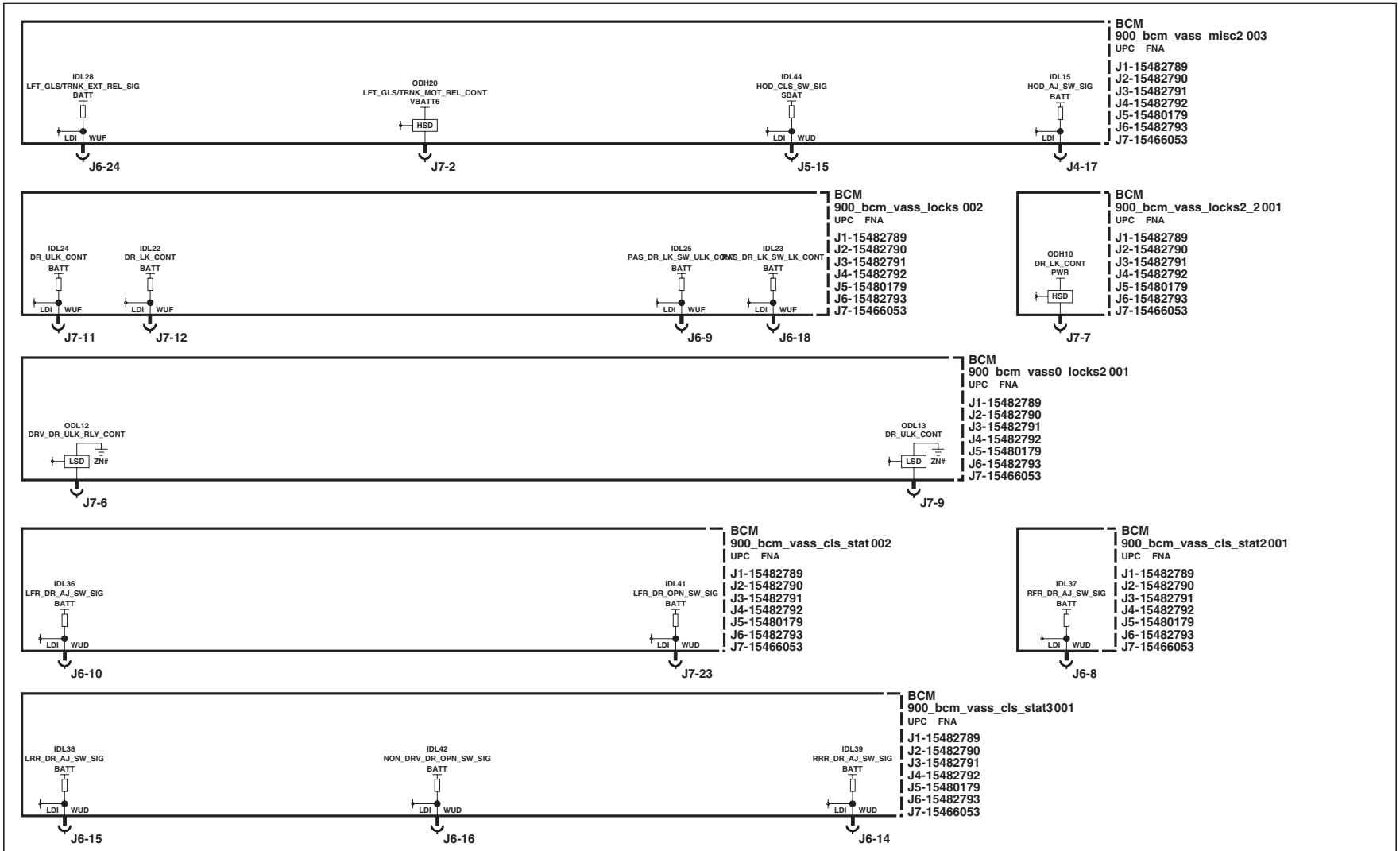
Appendix: BCM



• **Note: This Page for Reference Only. See appropriate Subsystems for connectivity.**

Appendix: BCM	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Released 07 GMT900	1_07_zz01a	013	SSF	1		12:40:46 pm	GMT900	GM Proprietary
Panel Set: 2 of 4 schematic sheet1 5	$IVEDWORK/1_07_zz01a__013				Friday, September 30, 2005			

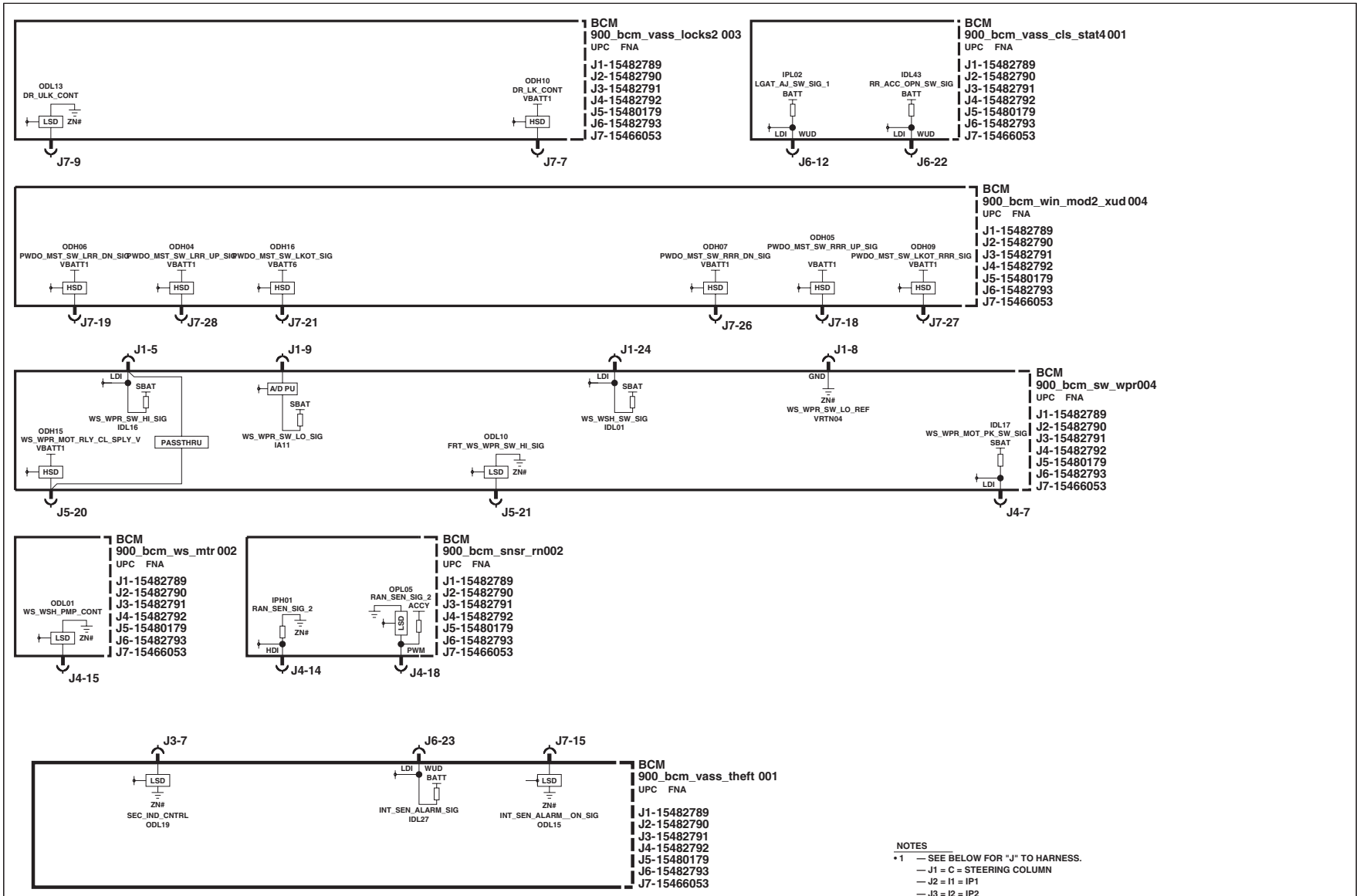
Appendix: BCM



• **Note: This Page for Reference Only. See appropriate Subsystems for connectivity.**

Appendix: BCM	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	12:40:46 pm	ORGANIZATION	USAGE
Released 07 GMT900	1_07_zz01a	013	SSF	1			GMT900	GM Proprietary
Panel Set: 3 of 4 schematic sheet1 5	$IVEDWORK/1_07_zz01a__013				Friday, September 30, 2005			

Appendix: BCM

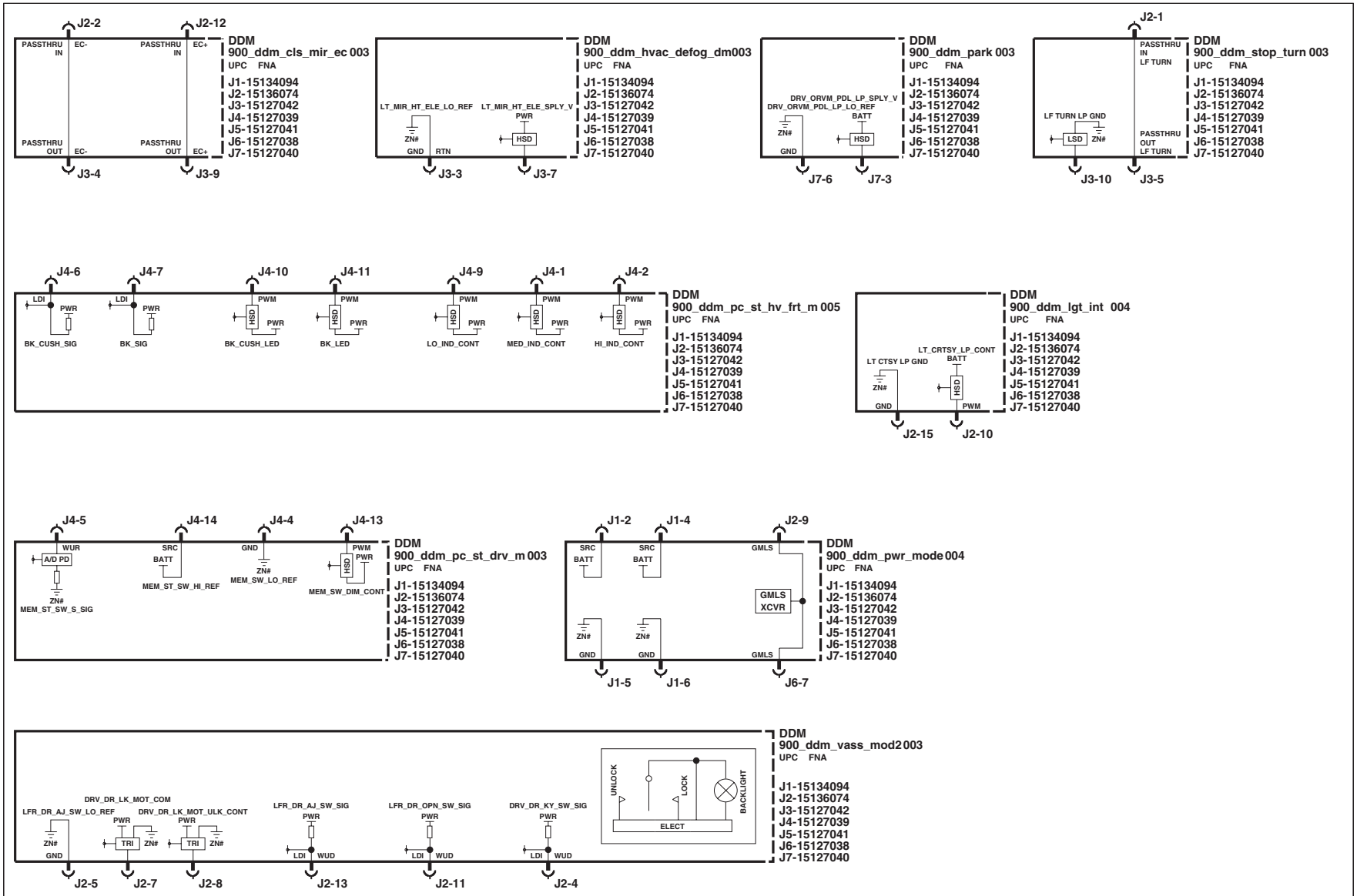


• Note: This Page for Reference Only. See appropriate Subsystems for connectivity.

Appendix: BCM	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	12:40:46 pm	ORGANIZATION	USAGE
Released 07 GMT900	1_07_zz01a	013	SSF	1			GMT900	
Panel Set: 4 of 4 schematic sheet1 5	$IVEDWORK/1_07_zz01a__013				Friday, September 30, 2005			

GM Proprietary

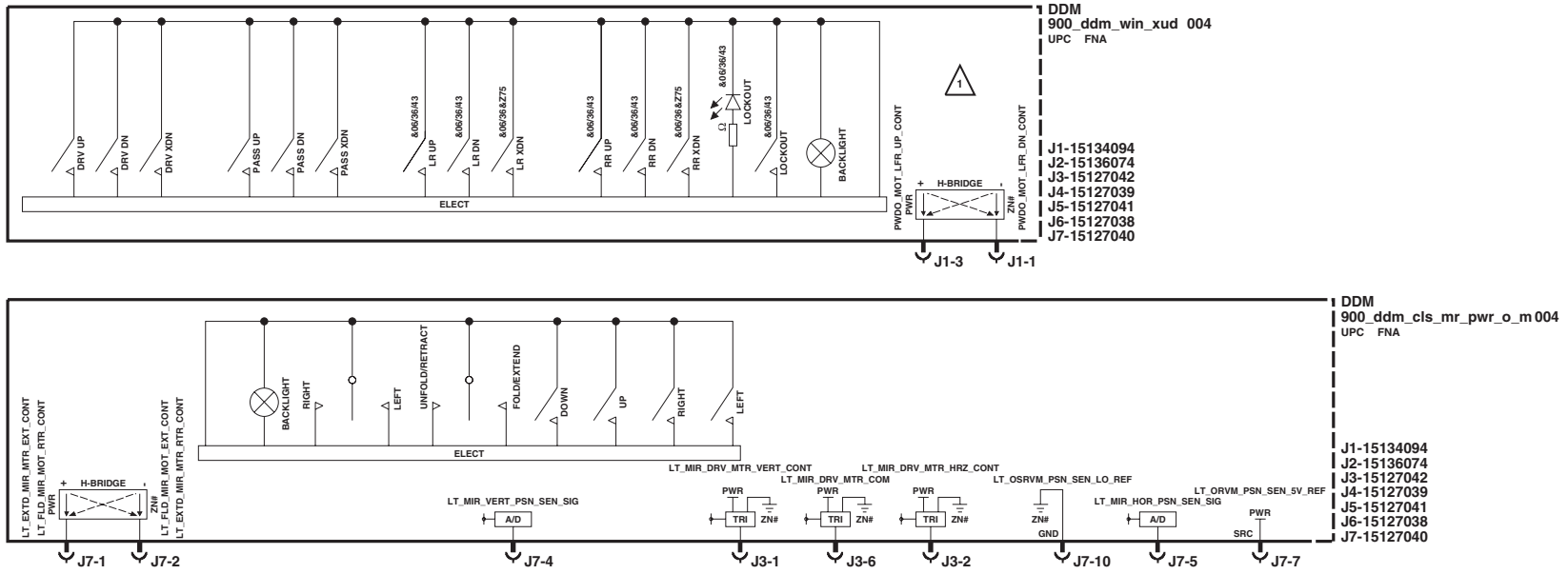
Appendix: DDM



• **Note: This Page for Reference Only. See appropriate Subsystems for connectivity.**

Appendix: DDM	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	9:43:15 am	ORGANIZATION	USAGE
Released 07 GMT900	1_07_zz02a	013	SSF	1			GMT900	GM Proprietary
Panel Set: 1 of 2 schematic sheet1 4	$IVEDWORK/1_07_zz02a__013				Tuesday, January 3, 2006			

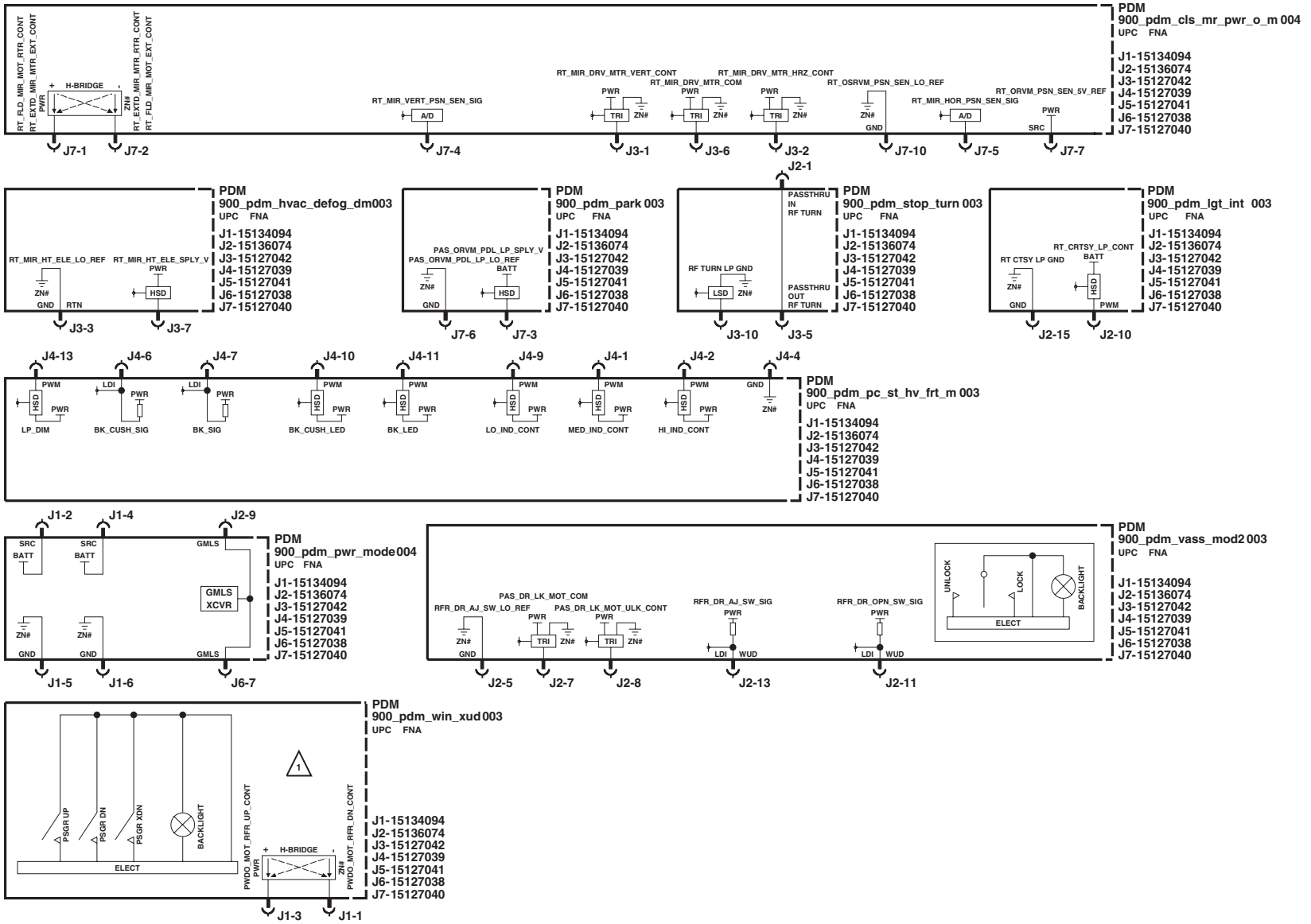
Appendix: DDM



• **Note: This Page for Reference Only. See appropriate Subsystems for connectivity.**

Appendix: DDM	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Released 07 GMT900	1_07_zz02a	013	SSF	1		9:43:15 am	GMT900	GM Proprietary
Panel Set: 2 of 2 schematic sheet1 4	$IVEDWORK/1_07_zz02a_013				Tuesday, January 3, 2006			

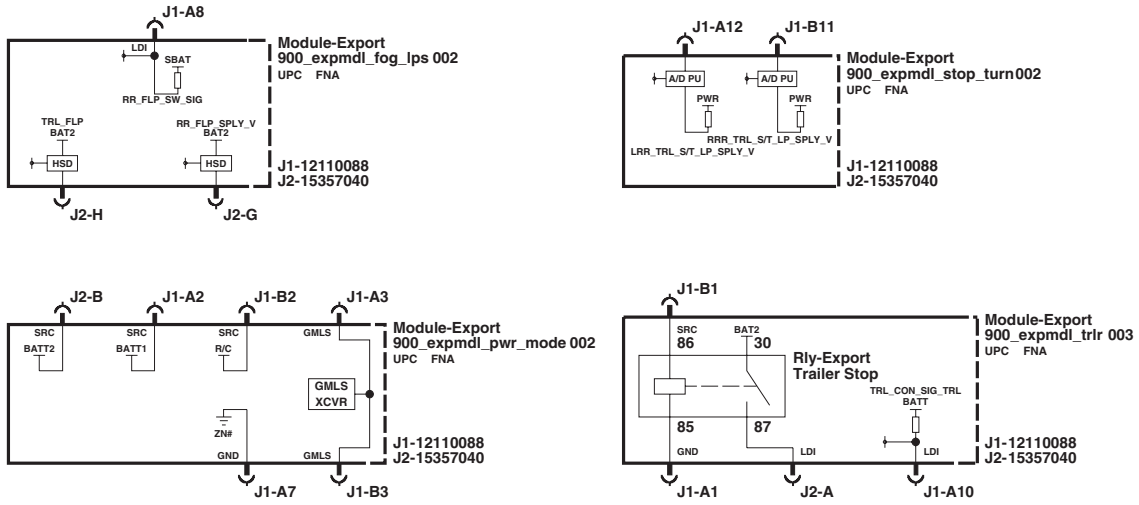
Appendix: PDM



• **Note: This Page for Reference Only. See appropriate Subsystems for connectivity.**

Appendix: PDM	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Released 07 GMT900	1_07_zz03a	013	SSF	1		1:15:04 pm	GMT900	GM Proprietary
Panel Set: 1 of 1 schematic sheet1 1	$IVEDWORK/1_07_zz03a__013				Friday, September 2, 2005			

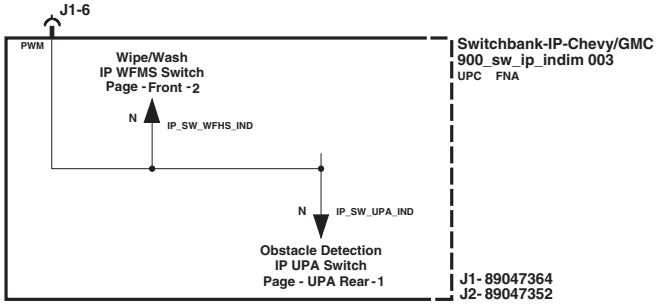
Appendix: Module-Export

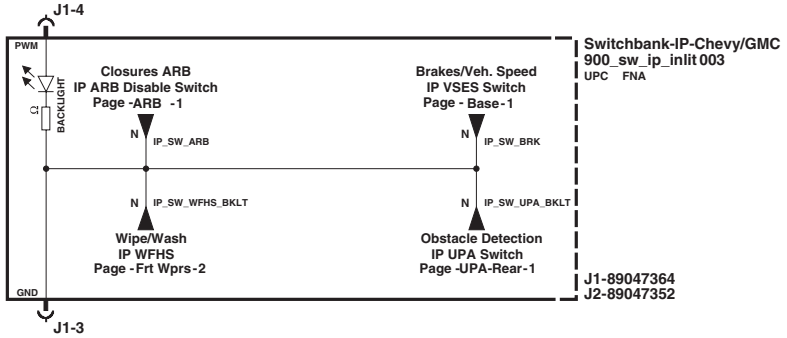


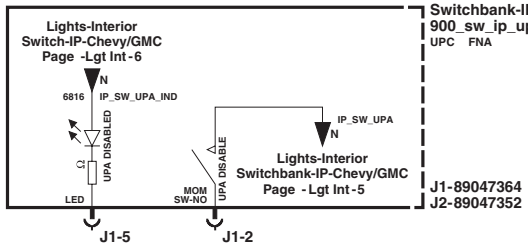
• **Note: This Page for Reference Only. See appropriate Subsystems for connectivity.**

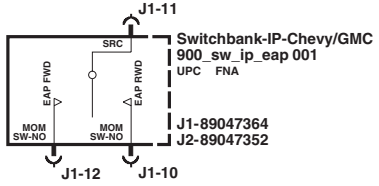
Appendix: Module-Export	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	1:15:13 pm	ORGANIZATION	USAGE	
Released 07 GMT900	1_07_zz04a	013	SSF	1			GMT900		GM Proprietary
Panel Set: 1 of 1 schematic sheet1 1	$IVEDWORK/1_07_zz04a__013				Friday, September 2, 2005				

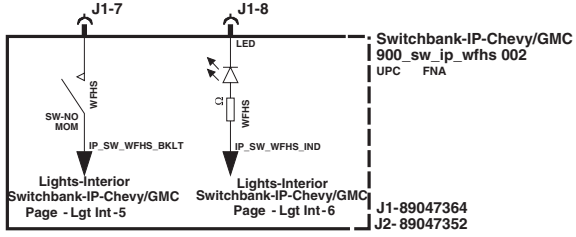
Appendix: Switchbank-IP







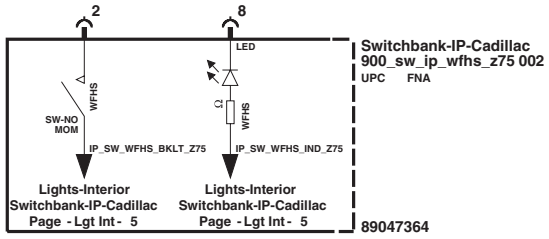


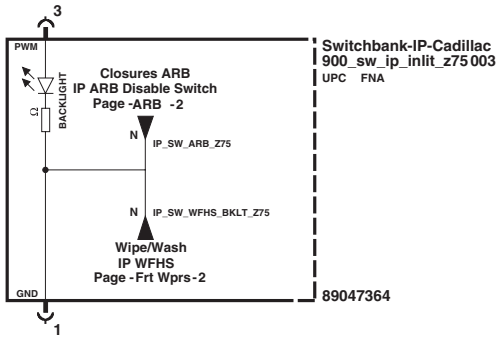


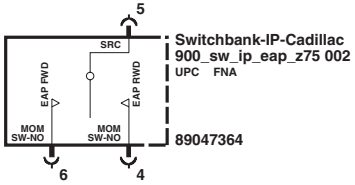
• **Note: This Page for Reference Only. See appropriate Subsystems for connectivity.**

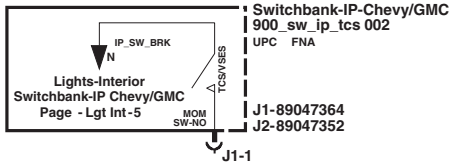
Appendix: Switchbank-IP	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Released 07 GMT900	1_07_zz05a	013	SSF	1		1:12:35 pm	GMT900	GM Proprietary
Panel Set: 1 of 2 schematic sheet1 3	$IVEDWORK/1_07_zz05a__013				Monday, January 9, 2006			

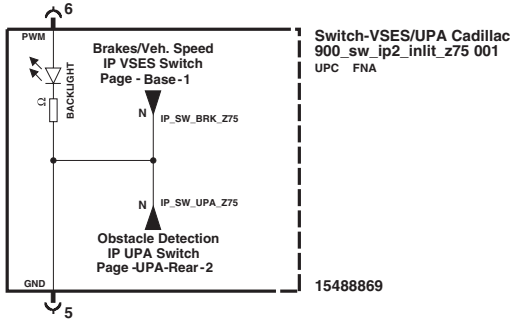
Appendix: Switchbank-IP

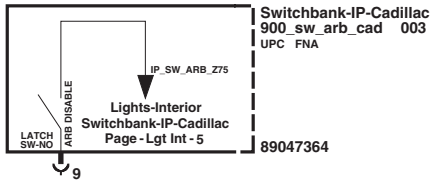


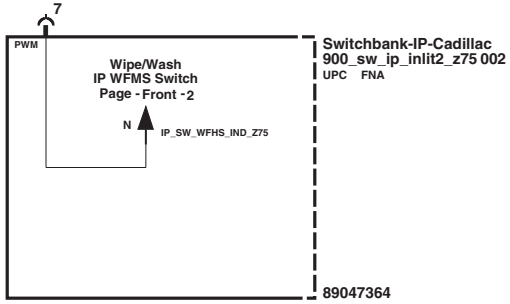












• **Note: This Page for Reference Only. See appropriate Subsystems for connectivity.**

Appendix: Switchbank-IP	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY		ORGANIZATION	USAGE
Released 07 GMT900	1_07_zz05a	013	SSF	1		1:12:35 pm	GMT900	GM Proprietary
Panel Set: 2 of 2 schematic sheet1 3	$IVEDWORK/1_07_zz05a__013				Monday, January 9, 2006			